OIL INDIA LIMITED
RAJASTHAN PROJECT
JODHPUR

TENDER

FOR

CHARTER HIRE OF ONE (01) MOBILE DRILLING RIG PACKAGE (750-1000 HP) FOR NELP-VII BLOCK: RJ-ONN-2005/2 IN RAJASTHAN

TENDER NO. : CJG2557P14

FEBRUARY'2014
JODHPUR

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Materials Department
(Rajasthan Project)
2A, Dist. Shopping Centre,
Saraswati Nagar
Jodhpur – 342 005
Rajasthan, India.
Phone -0291-2729473
Fax: 0291-2727050
Email: km_kumar@oilindia.in

Date: 11.02.2014

FORWARDING LETTER

Tender No. : CJG2557P14

M/s----------

Sub: Charter Hire of one(01) Mobile Rig Package

1.0 OIL INDIA LIMITED (OIL), Government of India Enterprise, is a premier oil Company engaged in exploration, production and transportation of crude oil & natural gas. In connection with its drilling and exploration activities for hydrocarbon at RAJASTNAN PROJECT, OIL invites ONLINE **International Competitive Bids (ICB)** for charter hire of one (01) mobile Drilling Rig Package (750-1000 HP) for NELP-VII Block: RJ-ONN-2005/2 in Rajasthan for a period of 06 months with a provision for extension by another 06 months. For your ready reference, few salient features (Covered in details in this bid document) are highlighted below.

i)	OIL's Tender No	:	CJG2557P14 dated 10.02.2014
ii)	Type of Bid	:	**Single Stage Two Bid System**
iii)	Tender Fee	:	` 20,000.00 **OR** US$ 320.00
iv)	Bid Closing Date & Time	:	01.04.2014 at 11.00 hrs (IST)
v)	Bid Opening (Technical) Date & Time	:	01.04.2014 at 15.00 hrs (IST)
vi)	Bid Opening Place	:	Office of Chief Manager (M&C), Oil India Limited, Jodhpur, Rajasthan
vii)	Amount of Bid Security	:	` 25,72,000.00 **OR** US$ 41,000.00 (Non- interest bearing)

viii)	Amount of Performance Security	:	7.5 % of the estimated Contract Value
ix)	Mobilization Time	:	90 days from the date of issue of Letter of Award (LOA).
x)	Liquidated Damage for timely Mobilization	:	Liquidated damages shall be applicable for default in timely Mobilization @ 0.5% per week of the total estimated agreement value (including mobilization cost) for delay in mobilization per week or part thereof subject to maximum of 7.5%.
xi)	Duration of Contract	:	The contract duration is for a period of six (06) months with a provision for extension for a further period of six (06) months on the same rates, terms and conditions.
xii)	Pre-Bid Conference	:	11:00 hrs. (IST) on 18.03.2014 (At OIL's Office at Jodhpur)

2.0 We now look forward to receive your most competitive offer in line with the tender terms well within the bid closing date and time

Yours faithfully

OIL INDIA LIMITED

(T.K GUPTA)
CHIEF MANAGER (M&C)
FOR GROUP GENERAL MANAGER (RP)

Part-1

SECTION – I

INVITATION FOR BIDS

1.0 Oil India Limited (OIL) invites competitive ON-LINE Bids for the following services under Single Stage Two Bid System for its RAJASTNAN PROJECT through e-Procurement portal **https://etender.srm.oilindia.in/irj/portal**

1.1 Tender No. : CJG2557P14 dated 10.02.2014

1.2 Bid Closing Date : 01.04.2014
& Time : (11:00 Hrs. IST)

2.0 **Description of Services**: Charter hire of one (01) mobile Drilling Rig Package (750-1000 HP) for NELP-VII Block: RJ-ONN-2005/2 in Rajasthan.

3.0 Tender Document will not be issued physically by Company. Bidders who have not participated in OIL's e-tender earlier must mention "New Bidder" in the application form & submit their applications showing full address (including e-mail ID) alongwith the non-refundable Tender Fee (excepting PSUs and SSI Units registered with NSIC) in the form of a Demand Draft/Banker's Cheque/ Cashier's Cheque in favour of OIL INDIA LIMITED and payable at JODHPUR to the CHIEF MANAGER (M & C), OIL INDIA LIMITED, 2A, DISTRICT SHOPPING CENTRE ,SARASWATI NAGAR, BASNI, JODHPUR -342005, RAJASTHAN (INDIA) between **14.02.2014 and 25.03.2014** i.e. one week prior to the scheduled bid closing date. On receipt of application and Tender Fee as above, USER-ID and initial PASSWORD will be communicated to the bidder (through e-mail) and will be allowed to participate in the tender through OIL's e-Procurement portal. For bidders who are already having vendor code / user id are advised to log in using user id & password and register against above e-tender and indicate the same while making application along with tender fee for participation. Details of the NIT can be viewed using "Guest Login" provided in the e-procurement portal. **USER-ID and PASSWORD are not transferable**. The link to e-procurement portal has also been provided through OIL's website **www.oil-india.com.**

4.0 **Pre-Bid Conference:** A pre-bid conference to explain Company's exact requirements and to reply queries of Bidders, if any, on the tender stipulations will be held on **18.03.2014** at 11:00 hrs (IST) in OIL's Project Office at 2A, District Shopping Centre, Saraswati Nagar, Basni, Jodhpur -342005, Rajasthan. Maximum of two representatives of each bidder will be allowed to attend the pre-bid conference on producing authorization letter. Bidders interested to attend the Pre-Bid Conference should intimate Chief Manager (M&C), Oil India Limited , Jodhpur latest by **15.03.2014**.

5.0 OIL reserves the right to refuse issue of Pass Word to such parties even on payment of tender fee, about whose competence OIL is not satisfied. Company's decision in this regard shall be final.

6.0 OIL reserves the right to reject any/all bids and cancel the tender without assigning any reason whatsoever.

-: Please visit us at www.oil-india.com:-

(END OF SECTION – I)

Part-1

SECTION – II

INSTRUCTIONS TO BIDDERS

1.0 Bidder shall bear all costs associated with the preparation and submission of bid. Oil India Limited, hereinafter referred to as Company, will in no case be responsible or liable for those costs, regardless of the conduct or outcome of the bidding process.

1.1 It is advisable that the bidder should carry out reconnaissance survey of the area for proper understanding and appreciation of its environmental and logistic issues before bidding**.**

A. BIDDING DOCUMENT / TENDER DOCUMENT

2.0 The services required, bidding procedures and contract terms are prescribed in the Bidding Documents.

2.1 The bidder is expected to examine all instructions, forms, terms and specifications in the Bid Document. Failure to furnish all information required as per the Bid Document or submission of a bid not substantially responsive to the Bid Document in all respect will be at the Bidder's risk & responsibility and may result in rejection of their bids.

3.0 AMENDMENTS TO BIDDING DOCUMENT:

3.1 At any time prior to the deadline for submission of bids, the Company may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the Bid Document through an Addendum.

3.2 The Addendum will be uploaded in OIL's e-Portal in the C-folder under tab "Amendments to Tender Documents". Prospective Bidders (to whom Company issues the USER-ID & PASSWORD), shall be intimated about the amendments through e-mail/fax/courier etc. The Company may, at its discretion, extend the deadline for bid submission, if the Bidders are expected to require additional time in which to take the Addendum into account in preparation of their bid or for any other reason.

B. PREPARATION OF BIDS

4.0 LANGUAGE OF BIDS:

The bid as well as all correspondence and documents relating to the bid exchanged between the Bidder and the Company shall be in English language, except that any printed literature may be in another language, provided it is accompanied by an English version which shall govern for the purpose of bid interpretation.

5.0 DOCUMENTS COMPRISING THE BID:

I. TECHNICAL BID

(i) Complete technical details of the services and equipment specifications with catalogue, etc. as applicable.
(ii) Documentary evidence establishing Bidder's eligibility as per BEC/BRC defined in **Part-2, Section-I** .
(iii) Bid Security (scanned copy) furnished in accordance with Para 10.0 below.
(iv) Statement of compliance as per **Part-2 of Section-I, Proforma – I.**
(v) BOQ as per **Part-2 of Section – I, Proforma - II without indicating the rates/prices.**
(vi) Duly Signed **Integrity Pact** as per **Part-2 of Section – I, Proforma - III**.
(vii) **Proforma - F** of **Part-4** showing the items to be imported, if any **without showing the CIF values** thereof.
(viii) Proforma as required in Part-4 of the tender document.
(ix) All other Annexure and Proforma as required in the Tender.

II. COMMERCIAL (PRICED) BID

(i) Bid Form as per **Section-III in PART-3**.
(ii) Price-Bid as per **Proforma–II, Section-I** , **in PART-2**.
(iii) Estimated CIF value as per **Proforma - F** of **Part-4**

6.0 BID FORM:
The bidder shall complete the Bid Form (Section-III in PART-3) and the appropriate Price schedule furnished in the Bid Document.

7.0 BID PRICE:

7.1 Prices must be quoted by the Bidders online as per format available in OIL's E-Portal.

7.2 Prices quoted by the successful bidder must remain firm during its performance of the Contract and is not subject to variation on any account whatsoever.

7.3 Except Service Tax, all Duties and Taxes, including, Corporate Income Taxes and other levies payable by the successful bidder under the Contract for which this Bidding Document is issued, shall be included in the rates, prices and total Bid Price quoted by the bidder, and the evaluation and comparison of bids shall be made accordingly. For example, personal taxes and/or any corporate taxes arising out of the profits on the contract as per rules of the country shall be borne by the bidder.

7.4 **Customs Duty:** Since this tender is floated for availing services for the purpose of Petroleum Exploration in India in NELP Block for which licenses have been issued after 01.04.1999, the prevailing rate of Customs Duty towards import of equipment, spares and consumables etc. for execution of the contract is NIL as per Government policy presently in vogue. (Ref. Notification No. 21/2002-Customs dated 01.03.2002 and as amended vide Notification No. 26/2003-Customs dated 01.03.2003) and 12/2012 dated 17.03.2012. Therefore, OIL INDIA LIMITED will issue Recommendatory Letters to enable the Contractor to

obtain necessary Essentiality Certificates from DGH to facilitate duty free imports essential for execution of this contract. However, securing EC and payment of port rent, demurrage etc. will exclusively rest on the Contractor.

7.5 **Service Tax: The quoted price shall be exclusive of Service Tax**. **Service Tax as applicable shall be on Company's account.** However, liability for payment of the service tax in case of Indian bidder and overseas bidders having offices in India will lie on the Contractor, else in case of foreign bidders, the liability shall lie on the Company.

8.0 CURRENCIES OF BID AND PAYMENT:

8.1 A bidder expecting to incur its expenditures in the performance of the Contract in more than one currency, and wishing to be paid accordingly, shall so indicate in the bid. In such a case, the bid shall be expressed in different currencies and the respective amounts in each currency shall together make up the total price.

8.2 Indian bidders too can submit their bids in any currency (including Indian Rupees) and receive payment in such currencies at par with foreign bidders. However, currency once quoted will not be allowed to be changed.

9.0 DOCUMENTS ESTABLISHING BIDDER'S ELIGIBILITY AND QUALIFICATIONS

As detailed in PART-2, Section-I.

10.0 BID SECURITY:

10.1 The **Original Bid Security** for the amount as specified in the "Forwarding Letter" must reach the office of Chief Manager (M & C), Oil India Limited, 2A, District Shopping Centre, Saraswati Nagar, Basni, Jodhpur -342005, Rajasthan, India before the scheduled Bid Closing Date and Time of the Tender, otherwise Bid will be rejected. Tender Number (CJG2557P14) and the Description of work must be clearly highlighted on the envelope containing the original Bid Security. A scanned copy of this document should also be uploaded alongwith the un-priced Technical Bid on e-portal.

10.2 Pursuant to Para 5.0 above, the Bidder during online submission of its bid shall furnish as part of its Technical unpriced Bid, Bid Security (scanned copy) in the amount as specified in the "Forwarding Letter".

10.3 The Bid Security is required to protect the Company against the risk of Bidder's conduct, which would warrant the security's forfeiture, pursuant to sub-para 10.8 below.

10.4 The Bid Security shall be denominated in the currency of the Bid or another freely convertible currency, and shall be in the following forms:-

a) A bank guarantee or irrevocable Letter of Credit issued by a scheduled Indian bank or by a foreign bank through its Indian branch, in the form provided vide Proforma-A, PART-4 or another form acceptable to the Company and valid for 60 days beyond the validity of the Bid. The bank guarantee/Letter of Credit should be so endorsed that it can be invoked at the issuing bank's branch located at Jodhpur (Rajasthan) India or alternatively at New Delhi,

India.

b) A Cashier's /Banker's Cheque or Demand Draft drawn on "OIL INDIA LIMITED" and payable at Jodhpur, Rajasthan (India).

10.5 Any Bid not secured in accordance with above-mentioned subparagraphs 10.1 to 10.4 will be rejected by Company as non-responsive, except those are exempted.

10.6 Unsuccessful Bidder's Bid Security will be discharged and/or returned immediately after finalisation of the Tender by Company or latest by within 30 days of expiry of the period of bid validity.

10.7 Successful Bidder's Bid Security will be discharged upon the Bidder's signing of the contract and furnishing the Performance Security.

10.8 The Bid Security will be forfeited:

(a) If any Bidder withdraws their bid during the period of bid validity (including any subsequent extension) specified by the Bidder on the Bid Form, or

(b) If a Successful Bidder fails:

i) To sign the contract within reasonable time and within the period of bid validity, and /or,

ii) To furnish Performance Security.

iii) To mobilize and/or to commence the assigned jobs within stipulated time frame.

10.9 In case any bidder withdraws their bid during the period of bid validity, Bid security will be forfeited and the party shall be debarred for a period of 2(two) years.

10.10 EXEMPTION FROM SUBMISSION OF BID SECURITY:

Central Govt. offices, Central Public Sector undertakings and firms registered with NSIC/SME (subject to furnishing proper evidence as per guidelines) are exempted from submitting Bid Security.

11.0 PERIOD OF VALIDITY OF BIDS:

11.1 Bids shall remain valid for 180 days after the date of bid opening prescribed by the Company.

11.2 In exceptional circumstances, the Company may solicit the Bidder's consent to an extension of the period of validity. The request and the response thereto shall be made in writing (by Fax or E-mail). A Bidder may refuse the request without forfeiting their Bid Security. A Bidder granting the request will neither be required nor permitted to modify their bid but shall arrange suitable validity extension of their bid security provided under para 10.0 above.

12.0 FORMAT AND SIGNING OF BID:

As the Bids are to be submitted ONLINE with digital signature, manual signature is not required

C. SUBMISSION OF BIDS:

13.0 ONLINE SUBMISSION :

13.1 The Bid should be submitted online up to 11:00 Hrs. (IST) (Server Time) on the date as mentioned herein i.e., on the scheduled Bid Closing Date. The Technical Bids will be opened on the same day at 15:00 Hrs. (IST) at the office of Chief Manager (M&C), Oil India Limited, 2A, District Shopping Centre, Saraswati Nagar, Basni, Jodhpur -342005, Rajasthan, India in presence of authorized representative of the bidder.

13.2 The Rates/Prices alongwith price related conditions should be filled online in the Price-Bid screen. All other techno-commercial documents other than the cost details to be submitted with unpriced bid as per tender requirement placed in the "un-priced" bid folder. No rate/price should be entered in Technical Bid, otherwise the offer will be rejected.

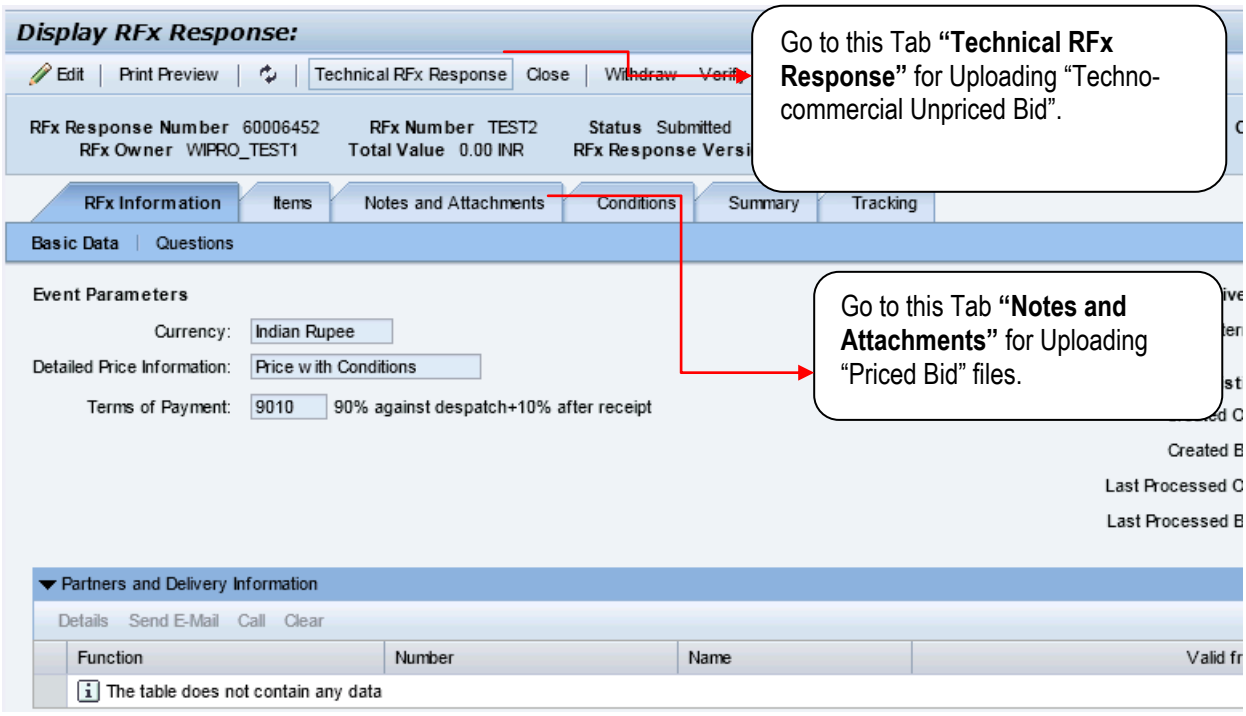
13.3 The Bid and all uploaded documents must be digitally signed by duly authorized representative of the bidding company using "Class 3" digital certificate [e-commerce application (Certificate with personal verification and Organization name)] as per Indian IT Act obtained from the licensed Certifying Authorities operating under the Root Certifying Authority of India (RCAI), Controller of Certifying Authorities (CCA) of India.

13.4 The Bidder will be responsible for ensuring the validity of digital signature and its proper usage by their employee. The authenticity of above digital signature shall be verified through authorized CA after the bid opening. If the digital signature used for signing is not of "Class-3" with Organization name, the bid will be rejected.

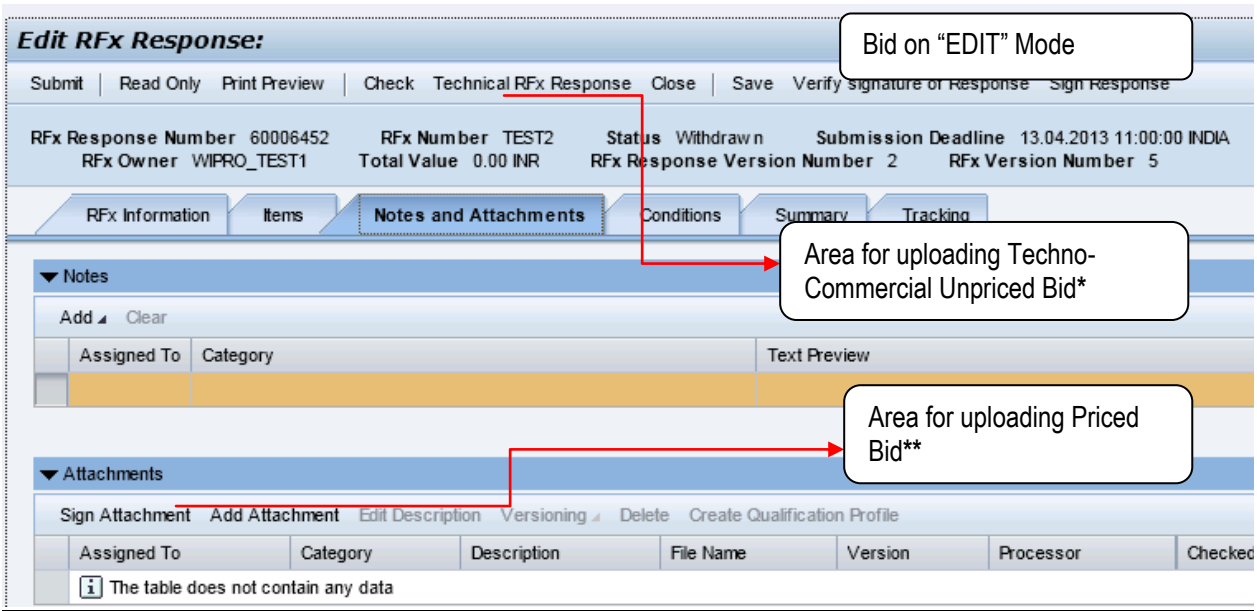
13.5 The Tender is invited under SINGLE STAGE TWO-BID SYSTEM. Therefore, the Bidder has to submit both the "TECHNICAL" and "COMMERCIAL" bids through electronic form in OIL's e-Tender Portal within the Bid Closing Date and Time stipulated in the e-Tender. Please ensure that the Techno-Commercial Bid is to be submitted as per Scope of Work & Technical Specifications along with all technical related documents related to the tender in the Technical RFx Response-> User - > Technical Bid only. The "TECHNO-COMMERCIAL UNPRICED BID" shall contain all techno-commercial details except the prices. Please note that no price details should be uploaded in Technical RFx Response Tab.

13.6 Please note that no price details should be uploaded in Technical RFx Response Tab. Details of prices as per Price Bid format / Priced bid can be uploaded as Attachment in the attachment link below tendering text in the attachment option under "Notes & Attachments". A screen shot in this regard is given below. Offer not complying with above submission procedure will be rejected.

Please note that no price details should be uploaded in Technical RFx Response, otherwise the offer will be rejected.


Display RFx Response:
Edit | Print Preview | Technical RFx Response | Close | Withdraw
RFx Response Number 60006452 RFx Number TEST2 Status Submitted
RFx Owner WIPRO_TEST1 Total Value 0.00 INR
RFx Information | Items | Notes and Attachments | Conditions | Summary | Tracking
Basic Data | Questions
Event Parameters
Currency: Indian Rupee
Detailed Price Information: Price with Conditions
Terms of Payment: 9010 90% against despatch+10% after receipt
Created B
Last Processed C
Last Processed B
Partners and Delivery Information
Details Send E-Mail Call Clear
Function Number Name Valid fr
The table does not contain any data
Go to this Tab "Technical RFx Response" for Uploading "Techno-commercial Unpriced Bid".
Go to this Tab "Notes and Attachments" for Uploading "Priced Bid" files.

On "EDIT" Mode- The following screen will appear. Bidders are advised to Upload "Techno-Commercial Unpriced Bid" and "Priced Bid" in the places as indicated above:


Edit RFx Response:
Submit | Read Only | Print Preview | Check | Technical RFx Response | Close | Save | Verify signature of Response | Sign Response
RFx Response Number 60006452 RFx Number TEST2 Status Withdrawn Submission Deadline 13.04.2013 11:00:00 INDIA
RFx Owner WIPRO_TEST1 Total Value 0.00 INR RFx Response Version Number 2 RFx Version Number 5
RFx Information | Items | Notes and Attachments | Conditions | Summary | Tracking
Notes
Add | Clear
Assigned To Category Text Preview
Attachments
Sign Attachment Add Attachment Edit Description Versioning Delete Create Qualification Profile
Assigned To Category Description File Name Version Processor Checked
The table does not contain any data
Bid on "EDIT" Mode
Area for uploading Techno-Commercial Unpriced Bid*
Area for uploading Priced Bid**

Note :

***** The "Techno-Commercial Unpriced Bid" shall contain all techno-commercial details **except the prices**.

** The "Price bid" must contain the price schedule and the bidder's commercial terms and conditions. For uploading Price Bid, first click on Sign Attachment, a browser window will open, select the file from the PC and click on "Sign" to sign the file. On Signing a new file with extension **.SSIG** will be created. Close that window. Next click on Add Atachment, a browser window will open, select the **.SSIG** signed file from the PC and name the file under Description, Assigned to General Data and click on OK to save the File.

SINGLE STAGE TWO BID SYSTEM shall be followed for this tender and only the PRICED-BIDS of the bidders whose offers are commercially and technically acceptable shall be opened for further evaluation.

13.7 In Technical Bid Opening, only the **Technical RFx Response** will be opened. **Please do refer the User Manual provided on the portal on the procedure "How to create Response" for submitting offer.**

NB : All the Bids must be digitally signed using "Class-3" digital signature certificate with Organizations Name (e-commerce application) as per Indian IT Act obtained from the licensed Certifying Authorities operating under the Root Certifying Authority of India (RCAI), Controller of Certifying Authorities (CCA) of India.

13.8 The offer should contain complete specifications, details of services and equipment/accessories offered together with other relevant literature/ catalogues of the equipment offered. A scanned copy of Bid Security as mentioned in Clause 10.0 should be submitted with the Techno-commercial unpriced Bid in c-folder.

13.9 All the conditions of the contract to be signed with the successful bidder are given in various Sections of this document. Bidders to state their compliance to each clause of BRC in vide Statement of compliance as per Proforma – I of Section-I, Part-2 and the same should be uploaded with the techno-commercial unpriced bid.

14.0 **The Integrity Pact:**.

OIL shall be entering into an Integrity Pact with the Bidders as per format enclosed vide as per Part-2 of Section – I, Proforma - III to the Tender Document. This Integrity Pact proforma has been duly signed digitally by OIL's competent signatory. The proforma has to be returned by the Bidder (alongwith their Technical Bid) duly signed digitally by the same signatory who signed the bid i.e., who is authorized to sign the bid. Any bid not accompanied by Integrity Pact Proforma duly signed (digitally) by the Bidder shall be rejected straightway. Uploading the Integrity Pact with digital signature will be construed acceptance of all terms & conditions mentioned therein and that all pages of the Integrity Pact have been signed by the bidder's authorized signatory who signs the Bid

14.1 OIL has appointed Shri N. Gopalaswami, Ex-CEC and Shri R.C. Agarwal, IPS (Retd) as Independent Monitors (IEMs) for a period of three (3) years to oversee implementation of the Integrity Pact in OIL. Bidders may contact the Independent Monitors for any matter related to this Invitation for Bid (IFB) at

the following addresses:

1. Shri N. Gopalaswami, IAS (Retd), Ex-CEC, Phone No. :91-44-2834-2444(Res), 91-9600144444(Cell);
E-mail : gopalaswamin@gmail.com

2. Shri R. C. Agarwal, IPS (Retd), Phone No. : 91-11-22752749(Res), 91-9810787089(Cell); E-mail : rcagarwal@rediffmail.com

15.0 Rates/Prices must be quoted/maintained in the "online price schedule" only. OIL will consider the rates/prices quoted in the "online price schedule" only.

16.0 Timely submission of online bids is the responsibility of the Bidders. The Bid alongwith all annexure and copies of documents should be submitted in e-form only through OIL's e-bidding engine. The Bid submitted in physical form against e-procurement tenders shall not be given any cognizance. However, the following documents should necessarily be submitted in physical form in sealed envelope. The Tender No. and the Date of Bid Closing/Opening must be prominently marked on the outer cover/envelope containing these documents and should be sent to Chief Manager (M & C), Oil India Limited, 2A, District Shopping Centre, Saraswati Nagar, Basni, Jodhpur -342005 India so as to reach before the scheduled Bid Closing Date and Time of the Tender.

(i) The Original Bid Security
(ii) Other documents required to be submitted in original as per tender requirement, if any.

17.0 INDIAN AGENTS:

Foreign Bidders are requested to clearly indicate in their quotation whether they have an agent in India. If so, the bidder should furnish the name and address of their agent and state clearly whether the agent is authorized to receive any commission, particularly against this contract. Such commission, if payable any, must be included in the quotation of the bidder and to be clearly and categorically highlighted in the bids, which would be payable to Agent in non-convertible Indian currency by Company according to the Import Trade Regulation of India. Unless otherwise specified, it will be assumed that agency commission is not involved in the particular bid. Further, Bidders are requested to quote directly and not through their agents in India. Moreover, one Indian Agent cannot represent more than one foreign bidder against the tender. In case an Indian agent represents more than one foreign bidder against the tender, then Bids of such foreign bidders shall be rejected.

18.0 DEADLINE FOR SUBMISSION OF BIDS :

18.1 Bids must be uploaded online not later than 11:00 Hrs. (Indian Standard Time) on the bid closing date mentioned in the "Covering Letter". Bidders are requested to take note of this and arrange to submit their bids well within the deadline to avoid last minute rush/network problems.

18.2 No bid can be submitted/uploaded after the submission deadline is reached. The system time displayed on e-procurement web page shall decide the submission deadline.

19.0 EXTENSION OF BID SUBMISSION DATE/TIME:

19.1 Normally no request for extension of Bid Closing date & Time will be entertained by Company. However, in case of any change in the specifications, non-receipt of any offer, inadequate response or for any other reasons, Company may at its discretion or otherwise, extend the Bid Closing Date and/or Time.

19.2 In the event of receipt of Single Offer within Bid Closing date & Time, OIL reserves the right to extend Bid Closing Date and/or Time as deemed fit. During extension period bidders who have already submitted the bids on or before original Bid Closing date & Time shall not be permitted to revise their bid.

20.0 FORMAT OF BID SUBMISSION:

20.1 Bids to be submitted online at OIL's E-PORTAL. Detailed instructions are available in "USER MANUALS" in the E-PORTAL.

21.0 LATE BIDS:

Bidders are advised in their own interest to ensure that the bids are uploaded in the system well before the closing date and time of the bid. Company will not be responsible for any failure to upload the Bids due to last minute rush.

22.0 MODIFICATION AND WITHDRAWAL OF BIDS :

22.1 The Bidder after submission of bid may modify or withdraw its bid by written notice prior to the bid closing.

22.2 The Bidder's modification or withdrawal notice must be submitted in writing (either by fax/courier/registered post) so as to reach the office of Chief Manager (M & C), Oil India Limited, 2A, District Shopping Centre, Saraswati Nagar, Basni, Jodhpur -342005, Rajasthan, India before the deadline for submission of bids. Bidders may send these request letters to return their bids which they submitted earlier for modifications, if envisaged any prior to bid opening. The request should reach the office of Chief Manager (M & C), at least three (3) working days prior to the scheduled bid closing date. Once the earlier bid is returned by Company on request, Bidder can again upload their correct/revised bids within the stipulated bid closing date and time. Maintaining sufficient time gap to withdraw the earlier bids for modifications and to resubmit the bids after necessary corrections/ modifications within the scheduled bid closing date and time is the sole risk and responsibility of Bidder. Company shall not be responsible for any delayed delivery/late receipt of such requests/notices for whatsoever reasons.

22.3 No bid can be modified subsequent to the deadline for submission of bids. Post tender modification(s) of bid by any bidder within the period of its bid validity will lead to rejection of such offer and forfeiture of bidder's Bid security in full. Such modification (s) may also call for debarment of the bidder as mentioned above.

22.4 No bidder shall be permitted to withdraw their bid after its opening till expiry of bid validity including extended validity, if any. Such withdrawal will make the bidder liable to forfeit their Bid Security in full and be debarred them from

participating against OIL's future tenders at the sole discretion of the Company and the period of debarment in no case shall be less than two (2) years.

23.0 BID OPENING AND EVALUATION

23.1 Company will open the Bids, including submission(s) made pursuant to para 22.0, in the presence of Bidder's representatives who choose to attend at the date, time and place mentioned in the Forwarding Letter. However, the Bidder's representative must produce an authorized letter from the bidder at the time of opening of tenders. Unless this Letter is presented, the representative will not be allowed to attend the opening of tenders. The Bidders' representatives who are allowed to attend the bid opening shall sign in a register evidencing their attendance. Only one representative against each bid will be allowed to attend.

23.2 Bid (if any) for which an acceptable notice of withdrawal has been received pursuant to para 22.2 shall not be opened. On opening the remaining bids Company will examine them to determine whether the same are complete, requisite Bid Securities have been furnished, documents have been properly signed and the bids are generally in order.

23.3 At bid opening, Company will announce the Bidders' names, written notifications of bid modifications or withdrawal, if any, furnishing of requisite Bid Security, rates/costs quoted and such other details as the Company may consider appropriate.

23.4 Company shall prepare, for its own records, minutes of bid opening including the information disclosed to those present in accordance with above sub-clauses.

23.5 To facilitate examination, evaluation and comparison of bids the Company may, at its discretion, ask the Bidder for clarifications of its bid. The request for clarification and the response shall be in writing and no change in the price or substance of the bid shall be sought, offered or permitted.

23.6 Prior to detailed evaluation, the Company will determine the substantial responsiveness of each bid to the Bidding Document. For this purpose, a substantially responsive bid is one, which conforms to all the terms and conditions of the Bidding Document without material deviations or reservation. A materials deviation or reservation is one which effects in any substantial way the scope, quality or performance of work, or which limits in any substantial way, in consistent way with the bidding document, the Company's right or the bidder's obligations under the contract, and the rectification of which deviation or reservation would affect unfairly the competitive position of other bidders presenting substantial responsive bids. The Company's determination of bid's responsiveness is to be based on the contents of the Bid itself without recourse to extrinsic evidences.

23.7 A Bid determined as not substantially responsive will be rejected by the Company and can not subsequently be made responsive by the Bidder through correction of the non-conformity.

23.8 The Company may waive minor informality or nonconformity or irregularity on a bid that does not constitute a material deviation, provided such waiver does not prejudice or affect the relative ranking of any Bidder.

24.0 OPENING OF COMMERCIAL (PRICE) BIDS

24.1 Company will open the Price Bids (Commercial Bids) of the technically qualified Bidders only, on a specified date in presence of interested qualified bidders, if they attend. All such qualified Bidders will be intimated about the commercial bid opening date & time in advance.

24.2 The Company will examine the Price/rates quoted by the Bidders to determine whether they are complete, any computational errors have been made, the documents have been properly signed, and the bids are generally in order.

24.3 Arithmetical errors will be rectified on the following basis. If there is a discrepancy between the unit price and the total price (that is obtained by multiplying the unit price and quantity) the unit price shall prevail and the total price shall be corrected accordingly. If any Bidder does not accept the correction of the errors, their bids will be rejected. If there is a discrepancy between words and figures, the amount in words will prevail.

25.0 **CONVERSION TO SINGLE CURRENCY**:

While evaluating the bids, the closing rate of exchange (BC Selling market rate) declared by the State Bank of India on the day prior to price bid opening will be taken into account for conversion of foreign currencies into Indian Rupees for the purpose of comparison to ascertain inter-se- ranking of all qualified bidders. Where the time lag between the opening of the price bids and final decision exceeds three months, the rate of exchange declared by State Bank of India on the date prior to the date of final decision will be adopted for conversion.

26.0 EVALUATION AND COMPARISON OF BIDS :

The Company will evaluate and compare the bids as per Part-2, Section-I of the bidding document.

27.0 LOADING OF FOREIGN EXCHANGE:

There would be no loading of foreign exchange for deciding the inter-se-ranking of domestic bidders.

27.1 Exchange Rate Risk: Since Indian bidders are now permitted to quote in any currency and also receive payments in that currency, Company will not be compensating for any exchange rate fluctuations in respect of the services.

27.2 Repatriation of Rupee Cost: In respect of foreign parties, rupee payments made on the basis of the accepted rupee component of their bids, would not be repatriable by them. A condition to this effect would be incorporated by the Company in the contract.

28.0 CONTACTING THE COMPANY :

28.1 Except as otherwise provided in para 22.2 & 23.5 above, no Bidder shall contact Company on any matter relating to its bid, from the time of the bid opening to the time the Contract is awarded.

28.2 An effort by a Bidder to influence the Company officials in bid evaluation, bid comparison or Contract award decisions, may result in rejection of their bid.

D. AWARD OF CONTRACT

29.0 AWARD CRITERIA:

The Company will award the Contract to the Contractor whose bid has been determined to be substantially responsive and has been determined as the lowest evaluated bid, provided further that the Bidder is determined to be qualified to perform the Contract satisfactorily.

29.1 COMPANY'S RIGHT TO ACCEPT OR REJECT ANY BID:

Company reserves the right to accept any bid and to reject any or all bids and/or to annul the bidding process in entirety, at any time prior to award of contract, without thereby incurring any liability to the affected bidders or any obligation to inform the participating bidders of the ground for Company's action.

30.0 NOTIFICATION OF AWARD:

30.1 Prior to the expiry of the period of bid validity or extended validity, the Company will notify the successful Bidder in writing by registered letter or by fax or e-mail (to be confirmed in writing by registered / courier letter) that his bid has been accepted.

30.2 The notification of award will constitute formation of the Contract.

30.3 Upon the successful Bidder's furnishing of Performance Security pursuant to Clause 31.0 herein below, the Company will promptly discharge the Bid Securities of all un-successful Bidders, pursuant to Clause 10.0 hereinabove.

31.0 PERFORMANCE SECURITY :

31.1 Within 15 (fifteen) days of receipt of notification of award from the Company, the successful Bidder shall furnish to Company the Performance Security for an amount (7.5% of total evaluated contract cost) specified in the Covering Letter and in the Letter of Award (LOA) issued by Company as per Proforma-B (ref. Part-4) or in any other format acceptable to the Company and must be in the form of Bank Guarantee (BG) or an irrevocable Letter of Credit (L/C) from any of the following Banks:

i) Any Nationalised / Scheduled Bank in India OR

ii) Any Indian branch of a Foreign Bank OR

iii) Any reputed foreign Bank having correspondent Bank in India

The Performance Security shall be denominated in the currency of the Contract or in equivalent US Dollars converted at the B.C. Selling rate of State Bank of India on the date of issue of LOA (Letter of Award). Bank Guarantees issued by Banks in India should be on non-judicial stamp paper of requisite value, as per Indian Stamp Act, purchased in the name of the Banker.

31.2 The performance security specified above must be valid for six (06) months beyond the expiry date of the contract to allow Company to lodge claim, if any. The same will be discharged by Company not later than 30 days following its expiry. In the event of extension of contract, subsequent to expiry of validity of the original contract period, Contractor shall have to enhance the value of the performance security to cover 7.5% of contract value for the extended period and also to extend the validity of the performance security accordingly.

31.3 Failure of the successful bidder to comply with the requirements of para 31.1 or 31.2 above shall constitute sufficient grounds for annulment of the award and forfeiture of the Bid Security.

INVOCATION OF PERFORMANCE BANK GUARANTEE

31.4 In the event of Contractor failing to honour any of the commitments entered into under the contract and/or in respect of any amount due from Contractor to Company, Company shall have an unconditional option under the guarantee to invoke the Performance Bank Guarantee and claim the amount from Bank.

31.5 Company will have the right to invoke the Performance Bank Guarantee in case the Contractor fails to mobilise the Equipment, tools and personnel etc. within the stipulated period irrespective of any reasons whatsoever.

32.0 SIGNING OF CONTRACT:

32.1 At the same time as the Company notifies the successful Bidder that its Bid has been accepted, the Company will either call the successful Bidder for signing of the agreement or send the Contract Form provided in the Bid Documents, alongwith the General & Special Conditions of Contract, Technical Specifications, Schedule of Rates incorporating all the agreements between the parties.

32.2 Within 30 days of issue of LOA, the successful Bidder shall sign and date the Contract and return it to the Company. Till the Contract is signed, the LOA issued to the successful bidder shall remain binding on the parties.

32.3 In the event of failure on the part of the successful Bidder to sign the Contract within the period specified above or any other time period specified by Company, the Company reserves the right to terminate the LOA issued to the successful Bidder and invoke the Bid Security or the Performance Security if submitted by the successful Bidder. The party shall also be debarred for a period of 2(two) years from the date of default.

33.0 **SITE VISIT:**

The Bidders, at their own cost, responsibility and risk are encouraged to visit and examine the site of work and its surroundings to understand the logistics and obtain all information that may be necessary for preparing the Bid and entering into a Contract for the required services/work.

The Contractor shall be deemed prior to submitting their Bid to have:

a) Inspected and examined the Site and its surroundings and carried out such surveys as it considers necessary;

b) Satisfied itself as to the nature of the work and materials necessary for the execution of the Works;

c) Satisfied itself as to the circumstances at the Site, including, without limitation, the ground and sub-soil, the form and nature of the Site and the climate and hydrological conditions of the Site;

d) Satisfied itself as to the means of communication with and access to & through the Site, the accommodation it may require and the precautions and the times and methods of working;

e) Obtained for itself all necessary information as to the risks, contingencies and all other circumstances, which may influence or affect the Contract price and its obligations under the Contract;

f) Satisfied itself with all the Indian as well as local conditions, factors and legislation which may have any effect on the execution of the work covered under the Bid Document;

g) Ascertained the general labour position at the Site and have understood the cost associated with engagement of the labours.

34.0 **FURNISHING FRAUDULENT INFORMATION/DOCUMENTS:**

If it is found that a bidder/contractor has furnished fraudulent information/documents, the Bid Security/ Performance Security shall be forfeited and the party shall be debarred for a period of 3 (three) years from the date of detection of such fraudulent act besides the legal action.

35.0 **CREDIT FACILITY:**

Bidders should indicate clearly in the bid about availability of any credit facility inclusive of Government to Government credits indicating the applicable terms and conditions of such credit.

36.0 **MOBILIZATION ADVANCE PAYMENT:**

36.1 Request for advance payment shall not be normally considered. However, depending on the merit and at the discretion of the Company, advance against mobilisation charge may be given at an interest rate of 1% above the prevailing Bank rate (CC rate) of SBI from the date of payment of the advance till recovery/refund. However, any mobilization advance shall be given in two

phases – 50% of mobilization charges before shipment of materials, equipment & tools etc. and rest 50% after the shipment is completed.

36.2 Advance payment agreed to by the Company shall be paid only against submission of an acceptable bank guarantee whose value should be equivalent to the amount of advance plus the amount of interest covering the period of advance. Bank guarantee shall be valid for 2 months beyond completion of mobilisation and the same may be invoked in the event of Contractor"s failure to mobilise as per agreement.

36.3 In the event of any extension to the mobilisation period, Contractor shall have to enhance the value of the bank guarantee to cover the interest for the extended period and also to extend the validity of bank guarantee accordingly.

37.0 **LOCAL CONDITIONS:**

It is imperative for the Bidders to fully inform themselves of all Indian as well as local conditions, factors and legislation which may have any effect on the execution of the work covered under the Bid Document. The bidders shall be deemed prior to submitting their bids to have satisfied themselves of the all aspects covering the nature of the work as stipulated in the Tender and obtain for themselves all necessary information as to the risks, contingencies and all other circumstances, which may influence or affect the various obligations under the Contract.

No request will be considered for clarifications from the Company (OIL) regarding such conditions, factors and legislation. It is understood and agreed that such conditions, factors and legislation have been properly investigated and considered by the Bidders while submitting the Bids. Failure to do so shall not relieve the Bidders from responsibility to estimate properly the cost of performing the work within the provided timeframe. Company (OIL) will assume no responsibility for any understandings or representations concerning conditions made by any of their officers prior to award of the Contract. Company (OIL) shall not permit any Changes to the time schedule of the Contract or any financial adjustments arising from the Bidder's lack of knowledge and its effect on the cost of execution of the Contract.

(END OF SECTION – II)
(End of Part – 1)

Part-2

SECTION-I

BID REJECTION CRITERIA (BRC) / BID EVALUATION CRITERIA (BEC)

I) BID REJECTION CRITERIA (BRC)

The bid shall conform generally to the specifications and terms and conditions given in this bid document. Bids shall be rejected in case the services offered do not conform to required parameters stipulated in the technical specifications fulfilling Scope of Work. The complete details of the last contract taken up and the period of operation by the offered Rig shall be submitted along with the bid. Notwithstanding the general conformity of the bids to the stipulated specifications, the following requirements will have to be particularly met by the Bidders without which the same will be considered as non-responsive and rejected.

A. TECHNICAL:

The bidder must meet the following criteria:

1.0 DRILLING RIG:

1.1 The bidder shall be in possession of the Rig offered as per Terms of Reference/Technical Specification either owned or leased. In case the bidder is not in possession of the rig at the time of submission of bid, they may offer a rig for which they have an agreement for lease /buy.

1.2 Identification of Rig:

(i) All the bidders are required to identify the rigs at the time of submission of bid with documentary proof thereof, confirming availability of the rig for this contract.

(ii) In case owner of the rig himself is the bidder, owner himself shall furnish the certificate confirming availability of the rig for this contract.

(iii) In case of leased rig/proposed purchase of rig, the bidders who do not own the Rig at the time of submission of bid, are required to submit along with un-priced bid, i.e. Technical bid, the original Memorandum of Understanding/Agreement of lease/purchase of rig, concluded with the owner of the rig, specially for this tender, with documentary proof of ownership of the rig in the form of registration certificate of the rig. The above MOU/Agreement must be valid through validity of the bid. In case of leased rig, the successful bidder shall be required to keep the MOU/Agreement valid for the period of contract and any extension thereof.

(iv) Offers with identified Rigs but with the condition “subject to availability” shall be summarily rejected.

(v) Bidder would not be allowed to substitute the rig once offered by them in their bid **during the period of bid validity.**

(vi) The horsepower rating of the rig (Draw works input) offered should be in the range of 750 HP (minimum) - 1000 HP (maximum). Further, the rig offered should be self propelled, mobile Diesel Electric, having telescoping hydraulically raised/extended mast with sub-structure (as per API standard). The detail of the rig is given in the Tender document.

2.0 **Vintage**: The drilling unit offered (includes major/critical equipments that are performance related or connected to safe and smooth drilling operation) should not be more than **8 years old as on Technical Bid Closing date**. Documentary proof of date of manufacturing along with Manufacturer's certificate should be provided with the bid.

3.0 Inspection of Rig package:

3.1 The Company reserves the right to inspect the complete rig package either prior to mobilization or issuance of LOA or during evaluation stage itself to assess the suitability. The bidders have to give consent on the same.

3.2 The bidder should agree or confirm in respect of submitting a certificate in original prior to mobilization from any one of the following 3rd party inspection agency and any expenditure in this regard shall be borne by the bidder.

(a) DNV
(b) ABS
(c) BV
(d) LLOYDS
(e) Oilfield Audit Services

Note: The certificate should clearly indicate and confirm without any ambiguity the following:

(i) Name and address of the owner of the rig after due verification of documents.
(ii) Confirmation that the rig meets the technical specification as laid down in the Tender Document.

(iii) Make, Model, Capacity/Rating, Year of manufacture etc. as inspected for each critical/major components of Rig along with duly filled in all necessary Proforma, Annexures etc. enclosed in the tender document.

(iv) In case of new rig the bidder should submit a certificate in **original** from the manufacturer along with the technical bid. The certificate from manufacturer should also clearly indicate the committed date of readiness of the rig for shipment after due inspection and certification from any one of the 3rd party inspection agencies specified above prior to shipment.

3.3 The rig should be capable of drilling oil & gas wells, fulfilling "Scope of Work" and conforming to the technical specification as laid down in the bid document.

3.4 **Mobilization:** Offers indicating mobilization time more than **90 (Ninety) days** from the date of issuance of **LOA** will be summarily rejected. However bidders may indicate their best minimum mobilization period if any less than above.

4.0 EXPERIENCE:

4.1 The bidder should be a drilling contractor having minimum 3(three) years drilling experience during last seven (7) years out of which at least one year should be on the type of Drilling Rig offered against this tender.

Or

The Bidder should be an (E&P) company having in house drilling, mud services.

4.2 In case, the bidder is an Indian Company/Indian joint venture Company, either the Indian Company/Indian Joint Venture Company or its technical collaboration partners should meet the criteria laid down at 4.1 above.

4.3 In case, the bidder is consortium of companies, the following requirement should be satisfied by the bidder:

(a) The combined experience of consortium should satisfy the minimum experience requirement as per 4.1. However, the leader of the consortium should satisfy the minimum experience requirement as per Para 4.1.

(b) Any of the consortium member individually shall have to meet the financial turnover criteria as per following para 7.0.

(c) The Leader of consortium should confirm unconditional acceptance of full responsibility of executing the 'Scope of Work' of this bid document. This confirmation should be submitted along with the un-priced bid.

(d) All the members of consortium must undertake in their MOU that each party shall be jointly and severally liable to OIL for any and all obligations and responsibilities arising out of this contract.

(e) MOU/Agreement concluded by the bidder with technical collaboration/joint venture partner (in case of joint venture /consortium offers), should also be addressed to OIL, clearly stating that the MOU/Agreement is applicable to this tender and shall be binding on them for the contract period. Notwithstanding the responsibility of completion of job under this contract will be that of the main bidder.

4.4 Details of experience and past performance of the bidder and the collaborator (in case of collaboration) or of joint venture partner (in case of a joint venture), on works/jobs done of similar nature in the past are to be submitted along with the Un-priced Bid (Technical), in support of experience laid down at para 4.1 above. Also, details of current work in hand and other contractual commitments of the bidder (indicating areas and clients) are to be submitted along with the un-priced bid.

4.5 Any party who is extending technical support by way of entering into technical collaboration with another party shall not be allowed to submit an independent bid against the tender and such bids shall be rejected straight way. Further all bids from parties with technical collaboration support from the same principal shall be rejected.

5.0 CREW EXPERIENCE:

(a) The bidder shall confirm to deploy minimum nos. and the category of the Rig crew personnel as indicated under Scope of Work/Terms of Reference of the BID DOCUMENTS. The Drilling Key Personnel must have requisite experience and meet eligibility criteria in their respective position and should be fluent in English. Bidder may deploy additional personnel for maintenance /operation /supervision /training/inspection at their cost. OIL shall make no payment for additional personnel so deployed.

(b) Confirmation in regard to point (a) above shall be submitted in the un-priced bid. However, list of all crew personnel with bio data, proof of qualification & experience etc. shall be submitted for approval of OIL before commencement of work.

6.0 DOCUMENTS:

Bidders must furnish documentary evidences in support of fulfilling the entire above requirement as under:

a) Rig offered– documents relating to rig already in possession or propose to own / lease along with technical specifications / details.
b) Vintage of the offered rig as per para 2.0 above.
c) Drilling experience of bidder– Statement to be furnished by bidder in a tabular form along with copies of contracts/work orders/completion certificates / payment certificates issued by the clients.
d) Financial turnover of bidder– Audited balance sheets/profit and loss accounts etc.
e) MOU or legally acceptable documents in support of tie-up arrangements along with the technical bid.

7.0 The bidder must have average annual financial turnover of at least ₹ 4.72 crore (or equivalent in foreign currency) in the last three years as per the Audited Annual A/Cs. The bidder must submit the Audited Annual A/Cs of last three years as supporting documentary evidences.

8.0 The bidder must have successfully completed similar nature of works during last seven (7) years ending last day of the month previous to one in which bids are invited, which should be either of the following.

(a) Three similar completed works, each costing not less than ₹ 6.29 crore (or equivalent in foreign currency)

or

(b) Two similar completed works, each costing not less than ₹ 7.86 crore (or equivalent in foreign currency)

or

(c) One similar completed work, costing not less than ₹ 12.58 Crore (or equivalent in foreign currency)

Note:

1.0 Similar nature of work means providing Drilling services to oil/gas (E&P) Company with charter hired rig or with its in-house rigs (through MMC).

2.0 The bidder has to provide documentary evidence in support of the above from the clients clearly mentioning the value of job done (in Indian Rupees or foreign currency), date of completion of project and type of services of the project completed by the bidder. These documents should be in the form of duly attested copies of contracts/work orders and completion certificates /payment certificates etc. issued by clients.

B. COMMERCIAL – BID SUBMISSION

1.0 Bids are invited under Single Stage Two Bid System i.e. Technical Bid (Un-priced) and Commercial Bid (Priced) separately. Bidders must submit both "Technical" and "Commercial" Bids in electronic form through online OIL's e-Tender portal accordingly within the Bid Closing Date and time stipulated in the e-Tender. Bids shall be rejected outright if the prices are indicated in the technical bids. Bids not conforming to this two bid system shall be rejected outright.

2.0 Bidder shall offer firm prices. Price quoted by the successful bidder must remain firm during the execution of the contract and not subject to variation on any account. Bids with adjustable price terms will be rejected.

3.0 Bid Security in **Original** shall be furnished as a part of the Technical Bid and must reach office of Chief Manager (M&C), OIL at Jodhpur before opening of technical bids. **A scanned copy** of the bid security shall however be uploaded in OIL's E-Procurement portal along with the Technical Bid. The amount of Bid Security shall be as specified in the Forwarding Letter of the Bid Document. Bid without proper & valid Bid Security will be rejected.

4.0 Bids received after bid closing date and time will be rejected.

5.0 Bids received through the e-procurement portal shall only be accepted. Bids received in any other form shall not be accepted.

6.0 Bids shall be typed or written in indelible ink and shall be digitally signed by the bidder or his authorized representative failing which the bid may be liable for rejection.

7.0 Any physical documents submitted by bidders shall contain no interlineations, erasures or over writing except as necessary to correct errors made by bidders, in which case such corrections shall be initialed by the person(s) who has/have digitally signing the bid. However, white fluid should not be used for making corrections.

8.0 Bidders shall bear, within the quoted rates, the personal tax as applicable in respect of their personnel and Sub-Contractor's personnel, arising out of execution of the contract.

9.0 Except Service Tax, Bidders shall bear, within the quoted rates, all duties and taxes including the corporate tax, and any other State, Central Govt. statutory levies as applicable on the income under the contract. The evaluation and comparison of bids shall be made accordingly. All applicable taxes, duties and

levies on the materials to be supplied or arising out of the profits on the contract shall be borne by the bidder as per rule of the Govt. of India.

10.0 Any bid containing false statement will be rejected.

11.0 Bids with shorter validity will be rejected as being non-responsive.

12.0 Bidders must quote rates in accordance with the price schedule outlined in PRICE BID FORMAT (PROFORMA-II), otherwise the Bid will be rejected. The Bids in which the rates for any part of the work are not quoted shall be rejected. However, if no charge is involved for any of the work/item, 'NIL' should be mentioned against such part of work.

13.0 Tender Document will not be issued physically by Company. Initial User ID and Password will be communicated to the bidder (through e-mail). User ID and Password are not transferable. Offers made by bidders who have not been issued USER ID and Password by the Company will be rejected.

14.0 In a tender either the Indian agent on behalf of Principal/OEM or Principal /OEM itself can bid, but both cannot bid simultaneously for the same item/product or services in the same tender.
If agent submits bid on behalf of the Principal/OEM, the same agent shall not submit a bid on behalf of another Principal/OEM in the same tender for the same item/product or service.

15.0 Bidder must accept and comply with the following clauses as given in the Tender Document in toto failing which offer will be rejected –

(a) Performance Guarantee Bond Clause
(b) Force Majeure Clause
(c) Tax Liabilities Clause
(d) Arbitration Clause
(e) Acceptance of Jurisdiction and Applicable Law
(f) Liquidated damage cum penalty clause
(g) Safety & Labour Law
(h) Termination Clause

16.0 Indian bidders, whose proposal for technical collaboration/joint venture involves foreign equity participation or payment of royalty and/or lump sum for technical know-how and wherever Govt. approval is necessary, are required to submit copy of Govt. approval on their application prior to date of price bid opening.

C. GENERAL

1.0 The Statement of Compliance (enclosed PROFORMA – I) should be digitally signed and uploaded along with the Technical Bid (un-priced). In case bidder takes exception to any clause of tender document not covered under BEC/BRC, then the Company has the discretion to load or reject the offer on account of such exception if the bidder does not withdraw/modify the deviation when/as advised by the Company. The loading so done by the Company will be final and binding on the bidders.

2.0 To ascertain the substantial responsiveness of the bid the Company reserves the right to ask the bidder for clarification in respect of clauses covered under

BEC/BRC also and such clarifications fulfilling the BEC/BRC clauses in toto must be received on or before the deadline given by the Company, failing which the offer will be summarily rejected.

3.0 Any exception or deviation to the tender requirements must be tabulated in PROFORMA-I of this Section by the Bidder in their Technical Bid only. Any additional information, terms or conditions included in the Commercial (Priced) Bid will not be considered by OIL for evaluation of the Tender.

4.0 The Integrity Pact (PROFORMA-III) must be uploaded in OIL"s E-Procurement portal along with the Technical Bid digitally signed by the same signatory who digitally signed the Bid i.e. who is duly authorized to sign the Bid. Bids without the Integrity Pact digitally signed by the bidder shall be rejected straightway.

5.0 The Company reserves the right to cancel/withdraw the tender or annul the bidding process at any time prior to award of contract, without thereby incurring any liability to the bidders or any obligation to inform the bidders of the grounds of Company's action.

6.0 In the event the contract is awarded to any indigenous bidder and there is no involvement of import of any item, payment of customs duty or exemption from payment of duty on the basis of EC issued by DGH, OIL reserves the right to utilize services of the drilling rig in any other non-NELP Block in the state of Rajasthan.

7.0 If any clauses in the BRC contradict clauses elsewhere in the Bid Document, then the clauses in the BRC shall prevail.

II. BID EVALUATION CRITERIA (BEC)

The bids conforming to the technical specifications, terms and conditions stipulated in the bid documents and considered to be responsive after subjecting to the Bid rejection criteria will be considered for further evaluation as per the Bid evaluation criteria given below:

1.0 Commercial Bids (Price Bids) of only the technically qualified bidders will be opened on a predetermined date and the same will be evaluated taking in to account the sum total cost of all components quoted by the bidders as per Price Bid Format (Proforma-II) and the contract will be awarded to the lowest evaluated bidder.

2.0 If there is any discrepancy between the unit price and total price, the unit price will prevail and total price shall be corrected. Similarly, if there is any discrepancy between words and figure, the amount in words shall prevail and will be adopted for evaluation.

3.0 For conversion of foreign currency into Indian currency for evaluation of Bids, B. C. selling (Market) rate declared by State Bank of India, one day prior to the date of priced bid opening shall be considered. However, if the time lag between the opening of the bids and final decision exceeds 3 (three) months, then B. C. Selling (Market) rate of exchange declared by SBI on the date prior to the date of final decision shall be adopted for conversion and evaluation.

4.0 The bidders must quote their charges/ rates in the manner as called for vide "Schedule of Rates" under Section-II and the summarized Price Bid Format vide enclosed Proforma-II

5.0 The contract will be signed with successful bidder for six (06) months of operation initially with a provision for extension by another six (06) more months. Depending on the performance of the contractor, the company reserves the right to extend the contract for another six months under the same rates, terms and conditions. Extension beyond 1 year's of operations will be agreed only after rates, terms and conditions are mutually agreed upon. However, Bids will be evaluated on total cost for six months of operation only.

6.0 The rates towards Standby, Repair, and Force Majeure will be restricted to the limit indicated against each as under:

a) Payment towards standby time rate shall be less than 70% of the operating day rate.
b) Payment towards rig Repair day rate shall be less than 60% of operating day rate.
c) Payment towards Force Majeure day rate shall be less than 50% of operating day rate.

Note: The Bidder has to re-export the rig after completion of the contract. The bidder will be fully responsible to pay the customs duty in case the contractor takes the rig to area where NIL customs duty benefit is not applicable. This is applicable since OIL would issue recommendatory letter for availing NIL customs duty for import of goods.

7.0 MOBILIZATION AND DEMOBILISATION FEE:

7.1 MOBILISATION FEE:

Bidders shall quote lump-sum mobilization fee of Drilling Rig and equipment from different places not exceeding 15% of TCRO (i.e.the total estimated charges for operation of rig for 06 months).

7.2 DE-MOBILISATION FEE:

Bidders shall quote lump-sum demobilization fee of Drilling Rig and equipment to different places not exceeding 13% of TCRO (i.e.the total estimated charges for operation of rig for 06 months).

Note:-

a) Lump-sum mobilization & demobilization fee includes Rig & all the equipments required for services as per Scope of Work.
b) Lump-sum mobilization & demobilization fee excludes Service taxes.
c) In case mobilization & demobilization charge quoted by the bidder exceeds the limit specified above then the offer of such bidder shall be straight way rejected.

8.0 The quantities shown against each item in the 'Price Bid Format (i.e. in Proforma-II)- shall be considered for the purpose of Bid Evaluation. It is, however, to be clearly understood that the assumptions made in respect of the number of days/parameters for various operations are only for the purpose of evaluation of the bid and the Contractor will be paid on the basis of the actual

number of days/parameter, as the case may be. However, execution of jobs in excess of the quantity mentioned herein requires Company's prior approval.

9.0 To ascertain the inter-se-ranking, the comparison of the responsive bids will be made subject to loading for any deviation. Commercial Bids shall be evaluated taking into account the rates quoted in the Price Bid Format (Proforma-II) by taking into account the summation of the following:

TOTAL ESTIMATED COST FOR 06 MONTHS CONTRACT: **T = TCRO**

Effective Day Rate (EDR) per each rig = T / 180 (i.e. Total estimated contract cost divided by 06 months i.e. 180 days).

Where:

TCRO = TM+TD+TODR+TSDR+TRDR+TFMR+TSTR+TILM+TFAC

(i) Total Mobilization charges: (Lump-sum) :TM = M
(ii) Total Demobilization charge: (Lump-sum) :TD = D
(iii) Total Operating Day Rate :TODR = ODR X 120 days
(iv) Total Standby Day Rate: :TSDR= SDR X 18 days
(v) Total Repair Day Rate: :TRDR= RDR X 1 day
(vi) Total Force Majeure Day Rate :TFMR= FMR X 1 day
(vii) Total Stack Day Rate of rig package with skeleton crew: TSTR= STR X 30 days

(viii**) Inter-location movement Charges:-**

(a) For movement within a distance of 0-35 Kms: TILM1 = ILM1 X 3

(b) For movement a distance in excess of 35 Kms: TILM2 = ILM2 X 300 KM
(ILM2 is only for the distance beyond 35 KM)
Total Inter-location movement Charges: **TILM= TILM1+TILM2**

(ix) Total charges for food/accommodation in excess of 20 OIL's personnel: **TFAC**

(a) Total Bed tea/coffee (with biscuits) : TBT=BT X 150 nos
(b) Total Break Fast : TBF=BF X 150 nos
(c) Total LUNCH : TL= L X 150 nos
(d) Total Evening tea with snacks : TET= ET X 150 nos
(e) Total Dinner : TD= D X 150 nos
(f) Total Accommodation-Exec. : TAE= AE X 100 nos
(g) Total Accommodation- Non-Exec. : TANE= ANE X 100 nos

Total charges for food/accommodation in excess of 20 OIL's personnel:
TFAC = TBT+TBF+TL+TET+TD+TAE+TANE

NOTE: 1. The above quantities are considered for evaluation purpose only.
2. The above items are defined in Schedule of Rates/Price bid format.

10.0 **Granting of Price Preference** (applicable to ICB tenders only):

10.1 **Price Preference**: Domestic bidders providing oil field services in the global tender of OIL, would be entitled to a price preference upto 10% over the lowest acceptable (quoted) Foreign bid subject to value addition. For estimating/ ensuring value addition and price preference, domestic bidders should provide all evidence necessary to prove that they meet the following criteria:

(a) Be registered within India
(b) Have majority ownership by Nationals of India
(c) Not sub-contract more than 80% of the works measured in terms of value, to Foreign Contractors.

10.2 For meeting the criteria at (c) above, domestic bidders should obtain a certificate in original from practicing Statutory Auditor engaged by them for auditing their annual accounts, which should establish that not more than 80% of the works measured in terms of value has been sub-contracted to Foreign contractors. The original certificate indicating various sub-contracting details in percentage terms as well as in absolute value should be submitted in the priced bid. However, a copy of the Statutory Auditor's certificate indicating various sub-contracting details in percentage terms only and without price details should be submitted in the un-priced bid.

10.3 It must be noted that above information so furnished, if at any stage found wrong, incorrect or misleading, will attract action as per rules/law.

10.4 The bidders are requested to check the latest position on the subject on their own and OIL does not accept any liability whatsoever on this account.

11.0 **Custom Duty:** Customs Duty will not be considered for evaluation of the offers, since imports under this contract are presently exempted from payment of Customs Duty as the proposed drilling operation shall be carried out in NELP Block awarded to Company by Govt. of India after 01.04.1999. Bidders' should take note of the same while quoting.

Note : For conversion in to equivalent currency as required under para 7.0 and 8.0 of **BRC- A. Technical**, B.C Selling (market) rate declared by State Bank of India, one day prior to the scheduled bid closing date will be considered.

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PROFORMA - I

STATEMENT OF COMPLIANCE
(Only exceptions/deviations to be rendered)

SECTION NO. (PAGE NO.)	CLAUSE NO. SUB-CLAUSE NO.	COMPLIANCE/ NON COMPLIANCE	REMARKS

(Authorised Signatory)
Name of the bidder_____

NOTE : OIL INDIA LIMITED expects the bidders to fully accept the terms and conditions of the bid document. However, should the bidders still envisage some exceptions/ deviations to the terms and conditions of the bid document, the same should be highlighted as per format provided above and to be submitted as part of their Technical Bid. If the proforma is left blank, then it would be presumed that the bidder has not taken any exception/deviation to the terms and conditions of the bid document.

PROFORMA-II

PRICE BID FORMAT

Tender No.: **CJG2557P14**

SL. No.	**Description of Item**	Unit	Qnty	UNIT RATE		TOTAL AMOUNT	
				(Pls specify Currency)			
				FE	INR	FE	INR
A. OPERATING CHARGES :							
1	Mobilisation charge (**M)**	Lump-sum	01				
2	Demobilisation charge **(D)**	Lump-sum	01				
3	Operating rate per 24 hours **(ODR)**	Day rate	120				
4	Standby rate per 24 hours **(SDR**)	Day rate	18				
5	Repair rate per 24 hours **(RDR**)	Day rate	01				
6	Force Majeure rate per 24 hours **(FMR)**	Day rate	01				
7	Total Stack Day Rate(with skeleton crew)	Day Rate	30				
8	Inter-location move charge move upto 35 Km **(ILM1)**	Lump-sum	3				
9	Inter-location move charge (Kilometerage Charges in excess of 35 Km) **(ILM2)**	KM	300				
B.	**FOOD/ACCOMODATION CHARGES : (IN EXCESS OF 20 OIL'S PERSONNEL)**						
10	Bed Tea/Coffee with Biscuit	NO	150				
11	Break fast	NO.	150				
12	Lunch	NO.	150				
13	Evening tea with snacks	NO.	150				
14	Dinner	NO.	150				
15	Accommodations-Executives	NO.	100				
16	Accommodations-Non-Executives	NO.	100				
Total Contract Price inclusive of all applicable taxes and duties etc. but excluding service tax. : _____							

NOTE: 1. The above quantities are considered for evaluation purpose only.
2. Payment will be made as per actual.

Contractor should note that all charges against which the units rates have been asked, shall be payable at actual. The quantities indicated above are only for evaluation of bids/estimation of total contract value. No charges other than indicated above are payable.

Authorised Person's Signature: _____

Name: _____
Seal of the Bidder:

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PROFORMA-III

INTEGRITY PACT

Between

Oil India Limited (OIL) hereinafter referred to as "The Principal"

And

(Name of the bidder).....hereinafter referred to as "The Bidder/Contractor"

Preamble:

The Principal intends to award, under laid down organizational procedures, contract/s for ----------. The Principal values full compliance with all relevant laws and regulations, and the principles of economic use of resources, and of fairness and transparency in its relations with its Bidder/s and Contractor/s.

In order to achieve these goals, the Principal cooperates with the renowned international Non-Governmental Organization "Transparency International" (TI). Following TI's national and international experience, the Principal will appoint an external independent Monitor who will monitor the tender process and the execution of the contract for compliance with the principles mentioned above.

Section: 1 -Commitments of the Principal

(1) The Principal commits itself to take all measures necessary to prevent corruption and to observe the following principles:

1. No employee of the Principal, personally or through family members, will in connection with the tender for, or the execution of a contract, demand, take a promise for or accept, for him/herself or third person, any material or immaterial benefit which he/she is not legally entitled to.

2. The Principal will, during the tender process treat all Bidders with equity and reason. The Principal will in particular, before and during the tender process, provide to all Bidders the same information and will not provide to any Bidder confidential/additional information through which the Bidder could obtain an advantage in relation to the tender process or the contract execution.

3. The Principal will exclude from the process all known prejudiced persons.

(2) If the Principal obtains information on the conduct of any of its employees which is a criminal offence under the relevant Anti-Corruption Laws of India, or if there be a **Page 2 of 5** substantive suspicion in this regard, the Principal will inform its Vigilance Office and in addition can initiate disciplinary actions.

Section: 2 -Commitments of the Bidder/Contractor

(1) The Bidder/Contractor commits itself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the tender process and during the contract execution.

1. The Bidder/Contractor will not, directly or through any other person or firm, offer, promise or give to any of the Principal's employees involved in the tender process or the execution of the contract or to any third person any material or immaterial benefit which h e/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the tender process or during the execution of the contract.

2. The Bidder/Contractor will not enter with other Bidders into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices, specifications, certifications, Subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to introduce cartelization in the bidding process.

3. The Bidder/Contractor will not commit any offence under the relevant Anticorruption Laws of India; further the Bidder/Contractor will not use improperly, for purposes of competition or personal gain, or pass on to others, any information or document provided by the Principal as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically.

4. The Bidder/Contractor will, when presenting his bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract.

(2) The Bidder/Contractor will not instigate third persons to commit offences outlined above or be an accessory to such offences.

Section 3 -Disqualification from tender process and exclusion from future Contracts

If the Bidder, before contract award has committed a transgression through a violation of Section 2 or in any other form such as to put his reliability or risibility as Bidder into question, the Principal is entitled to disqualify the Bidder from the tender process or to terminate the contract, if already signed, for such reason.

1. If the Bidder/Contractor has committed a transgression through a violation of Section 2 such as to put his reliability or credibility into question, the Principal is entitled also to exclude the Bidder/Contractor from future contract award processes. The imposition and duration of the exclusion will be determined by the severity of the transgression. The severity will be determined by the circumstances of the case, in particular the number of transgressions, the position of the transgressions within the company hierarchy of the Bidder and the amount of the damage. The exclusion will be imposed for a minimum of 6 months and maximum of 3 years.
2. The Bidder accepts and undertakes to respect and uphold the Principal's Absolute right to resort to and impose such exclusion and further accepts and undertakes not to challenge or question such exclusion on any ground, including the lack of any hearing before the decision to resort to such exclusion is taken. This undertaking is given freely and after obtaining independent legal advice.

3. If the Bidder/Contractor can prove that he has restored/recouped the Damage caused by him and has installed a suitable corruption prevention system, the Principal may revoke the exclusion prematurely.

4. A transgression is considered to have occurred if in light of available evidence no reasonable doubt is possible.

Section 4 -Compensation for Damages

1. If the Principal has disqualified the Bidder from the tender process prior to the award according to Section 3, the Principal is entitled to demand and recover from the Bidder liquidated damages equivalent to 3 % of the value of the offer or the amount equivalent to Earnest Money Deposit/Bid Security, whichever is higher.

2. If the Principal has terminated the contract according to Section 3, or if the Principal is entitled to terminate the contract according to Section 3,the Principal shall be entitled to demand and recover from the Contractor liquidated damages equivalent to 5% of the contract value or the amount equivalent to Security Deposit/Performance Bank Guarantee, whichever is higher.

3. The bidder agrees and undertakes to pay the said amounts without protest or demur subject only to condition that if the Bidder/Contractor can prove and establish that the exclusion of the Bidder from the tender process or the termination of the contract after the contract award has caused no damage or less damage than the amount or the liquidated damages, the Bidder/Contractor shall compensate the Principal only to the extent of the damage in the amount proved.

Section 5 -Previous transgression

1. The Bidder declares that no previous transgression occurred in the last 3 years with any other Company in any country conforming to the TI approach or with any other Public Sector Enterprise in India that could justify his exclusion from the tender process.

2. If the Bidder makes incorrect statement on this subject, he can be disqualified from the tender process or the contract, if already awarded, can be terminated for such reason.

Section: 6 -Equal treatment of all Bidders/Contractor/Subcontractors

1. The Bidder/Contractor undertakes to demand form all subcontractors a commitment in conformity with this Integrity Pact, and to submit it to the Principal before contract signing.

2. The Principal will enter into agreements with identical conditions as this one with all Bidders, Contractors and Subcontractors.

3. The Principal will disqualify from the tender process all bidders who do not sign this Pact or violate its provisions.

Section: 7 -Criminal charges against violating Bidders/Contractors/ Subcontractors

If the Principal obtains knowledge of conduct of a Bidder, Contractor or Subcontractor, or of an employee or a representative or an associate of a Bidder, Contractor or Subcontractor, which constitutes corruption, or if the Principal has substantive suspicion in this regard, the Principal will inform the Vigilance Office.

Section: 8 -External Independent Monitor/Monitors

(three in number depending on the size of the contract)
(to be decided by the Chairperson of the Principal)

1. The Principal appoints competent and credible external independent Monitor for this Pact. The task of the Monitor is to review independently and objectively, whether and to what extent the parties comply with the obligations under this agreement.

2. The Monitor is not subject to instructions by the representatives of the parties and performs his functions neutrally and independently. He reports to the Chairperson of the Board of the Principal.

3. The Contractor accepts that the Monitor has the right to access without restriction to all Project documentation of the Principal including that provided by the Contractor. The Contractor will also grant the Monitor, upon his request and demonstration of a valid interest, unrestricted and unconditional access to his project documentation. The same is applicable to Subcontractors. The Monitor is under contractual obligation to treat the information and documents of the Bidder/Contractor/Subcontractor with confidentiality.

4. The Principal will provide to the Monitor sufficient information about all meetings among the parties related to the Project provided such meetings could have an impact on the contractual relations between the Principal and the Contractor. The parties offer to the Monitor the option to participate in such meetings.

5. As soon as the Monitor notices, or believes to notice, a violation of this agreement, he will so inform the Management of the Principal and request the Management to discontinue or heal the violation, or to take other relevant action. The Monitor can in this regard submit non-binding recommendations. Beyond this, the Monitor has no right to demand from the parties that they act in a specific manner, refrain from action or tolerate action.

6. The Monitor will submit a written report to the Chairperson of the Board of the Principal within 8 to 10 weeks from the date of reference or intimation to him by the 'Principal' and, should the occasion arise, submit proposals for correcting problematic situations.

7. If the Monitor has reported to the Chairperson of the Board a Substantiated suspicion of an offence under relevant Anti-Corruption Laws of India, and the Chairperson has not, within reasonable time, taken visible action to proceed against such offence or reported it to the Vigilance Office, the Monitor may also transmit this information directly to the Central Vigilance Commissioner, Government of India.

8. The word 'Monitor' would include both singular and plural.

Section:9 -Pact Duration

This Pact begins when both parties have legally signed it. It expires for the Contractor 12 months after the last payment under the respective contract, and for all other Bidders 6 months after the contract has been awarded.

If any claim is made/ lodged during this time, the same shall be binding and continue to be valid despite the lapse of this pact as specified above, unless it is discharged/determined by Chairperson of the Principal.

Section:10 -Other provisions

1. This agreement is subject to Indian Law. Place of performance and jurisdiction is the Registered Office of the Principal, i.e. Noida.

2. Changes and supplements as well as termination notices need to be made in writing. Side agreements have not been made.

3. If the Contractor is a partnership or a consortium, this agreement must be, signed by all partners or consortium members.

4. Should one or several provisions of this agreement turn out to be invalid, the remainder of this agreement remains valid. In this case, the parties will strive to come to an agreement to their original intentions.

……	**……**
For the Principal	**For the Bidder/Contractor**
	Witness 1: ……
	Witness 2: ……

Place. JODHPUR.
Date ……

NAME OF INDEPENDENT EXTERNAL MONITORS:

(a) Shri N. Gopalaswami, IAS (Retd.).
Phone: +91-44-2834-2444 (Res), 96001 44444 (Mobile).
E-mail: gopalaswamin@gmail.com

(b) Shri Ramesh Chandra Agarwal, IPS.
Phone: +91-9810787089, 91-1122752749.
E-mail: rcagarwal@rediffmail.com

****

END OF SECTION-I

(End of Part – 2)

Part- 3

SECTION – I

GENERAL CONDITIONS OF CONTRACT

1.0 DEFINITIONS:

1.1 In the contract, the following terms shall be interpreted as respectively assigned below:

(a) “Approval” as it relates to Company, means written approval;

(b) "Company" or “OIL” means Oil India Limited;

(c)“Company’s items” means the equipment, materials and services, which are to be provided by Company at the expense of Company and listed in the Contract;

(d) "Company's Personnel" means the personnel to be provided by Oil India Limited (OIL) or OIL's contractor (other than the Contractor executing this Contract). The Company representatives of OIL and Consultant deployed by OIL for supervision of operations are also included in the Company's personnel;

(e)"Contract" means agreement entered into between Company and Contractor, as recorded in the Contract Form signed by the parties, including all attachments and appendices thereto and all documents incorporated by reference therein;

(f)"Contractor" means the individual or firm or Body incorporated performing the work under this Contract;

(g)“Contractor’s items” means the equipment, materials and services, which are to be provided by Contractor or to be provided by Company at the expense of the Contractor, which are listed in Tender Document under Terms of Reference and Technical Specifications;

(h) "Contractor's Personnel" means the personnel to be engaged by the Contractor from time to time to provide services as per the contract;

(i) “Day” means a calendar day of twenty-four (24) consecutive hours beginning at 06:00 hrs. and ending at 06:00 hrs;

(j) “Party” means either the Company or Contractor as the context so permits and, as expressed in the plural, shall mean the Company and Contractor collectively;

(k) “Site” means the land and other places, on/under/ in or through which the works are to be executed by the Contractor and any other land and places provided by the Company for working space or any other purpose as designated hereinafter as forming part of the Site;

(l) "Work" means each and every activity required for the successful performance of the services described in Tender Document under, the Terms of Reference.

(m)“Company Representative” means the person or persons appointed and approved from time to time by the Company to act on its behalf for overall co-ordination and project management purpose.

2.0 EFFECTIVE DATE, MOBILISATION TIME, DATE OF COMMENCEMENT OF CONTRACT AND DURATION OF CONTRACT:

2.1 EFFECTIVE DATE: The contract shall become effective as of the Date Company notifies Contractor in writing that it has been awarded the contract. Such date of notification of award of Contract will be the Effective Date of Contract.

2.2 MOBILISATION TIME: The mobilization of equipment, personnel etc. should be completed by Contractor within 90 days from the effective date of the contract. Mobilization shall be deemed to be completed when Contractor's equipment and manpower are placed at the nominated location in readiness to commence Work as envisaged under the Contract duly certified by the Company's authorized representative.

2.3 DATE OF COMMENCEMENT OF CONTRACT: The date on which the mobilization is completed in all respects is treated as date of commencement of Contract.

2.4 DURATION OF CONTRACT: The Contract shall be initially for a period of six (6) months from the date of its commencement during which 6 (six) wells are expected to be drilled (completed); with a provision for extension by six(6) more months at the same rate, terms and conditions.
However, bidder's must note that the rates, terms and conditions shall continue until the completion or abandonment of the last well being drilled and completion of testing operations.

Further extension of the contract, if any will be on the rates, terms and condition to be mutually agreed by the parties.

3.0 GENERAL OBLIGATIONS OF CONTRACTOR: Contractor shall, in accordance with and subject to the terms and conditions of this Contract:

3.1 Perform the work described in the Terms of Reference (PART-3,Section-IV) in most economic and cost effective way.

3.2 Except as otherwise provided in the Terms of Reference and the Special conditions of Contract, engage all manpower as required to perform the Work.

3.3 Perform all other obligations, work and services which are required by the terms of this Contract or which reasonably can be implied from such terms as being necessary for the successful and timely completion of the Work.

3.4 Contractor shall be deemed to have satisfied himself before submitting their bid as to the correctness and sufficiency of its bid for the services required and of the rates and prices quoted, which rates and prices shall, except insofar as otherwise provided, cover all its obligations under the contract.

3.5 Contractor shall give or provide all necessary supervision during the performance of the services and as long thereafter within the warranty period as Company may consider necessary for the proper fulfilling of Contractor's obligations under the contract.

4.0 GENERAL OBLIGATIONS OF THE COMPANY:

Company, in accordance with and subject to the terms and conditions of this contract, shall:

4.1 Pay Contractor in accordance with terms and conditions of the contract. The Contractor shall be entitled to the applicable rate as defined in Section-III of Part-3 (i.e. Schedule of Service/ Rates) hereunder. The rates contained in the Contract shall be based on the intended operations being conducted by the Contractor on seven (7) days a week and twenty-four (24) hours a working day. The day rates are payable when the required condition has existed for a full 24 hours period. If the required condition existed for less than 24 hours then payments shall be made on pro-rata basis. The period of time for which each day rate is payable shall be computed and rounded off upto the nearest quarter of an hour.

4.2 Allow Contractor access, subject to normal security and safety procedures, to all areas as required for orderly performance of the work.

4.3 Perform all other obligations required of Company by the terms of this contract.

5.0 PERSONNEL TO BE DEPLOYED BY THE CONTRACTOR:

5.1 Contractor warrants that it shall provide competent, qualified and sufficiently experienced personnel to perform the work correctly and efficiently.

5.2 The Contractor should ensure that their personnel observe applicable statutory safety norms/requirements as well as Company"s safety policies & guidelines. Upon Company's written request, Contractor, entirely at its own expense, shall remove immediately; any personnel of the Contractor determined by the Company to be unsuitable and shall promptly replace such personnel with personnel acceptable to the Company.

5.3 The Contractor shall be solely responsible throughout the period of the Contract for providing all requirements of their personnel including but not limited to, their transportation to & fro from field/drilling site, en-route/ local boarding, lodging & medical attention etc. Company shall have no responsibility or liability in this regard.

5.4 Contractor's key personnel shall be fluent in English language (both writing and speaking).

6.0 WARRANTY AND REMEDY OF DEFECTS:

6.1 Contractor warrants that it shall perform the work in a professional manner and in accordance with the highest degree of quality, efficiency, and with the state of the art technology/inspection services and in conformity with all specifications, standards and drawings set forth or referred to in the Technical Specifications. They should comply with the instructions and guidance, which Company may give to the Contractor from time to time.

6.2 Should Company discover at any time during the tenure of the Contract or within 3 (three) months after completion of the operations that the Work does not conform to the foregoing warranty, Contractor shall after receipt of notice from Company, promptly perform any and all corrective work required to make the services conform to the Warranty.

Such corrective work shall be performed entirely at Contractor"s own expenses. If such corrective work is not performed within a reasonable time, the Company, at its option may have such remedial work performed by others and charge the cost thereof to Contractor which the Contractor must pay promptly. In case Contractor fails to perform remedial work, or pay promptly in respect thereof, the performance security shall be forfeited.

7.0 CONFIDENTIALITY, USE OF CONTRACT DOCUMENTS AND INFORMATION:

7.1 Contractor shall not, without Company's prior written consent, disclose the contract, or any provision thereof, or any specification, plan, drawing, pattern, sample or information furnished by or on behalf of Company in connection therewith, to any person other than a person employed by Contractor in the performance of the contract. Disclosure to any such employed person shall be made in confidence and shall extend only so far, as may be necessary for purposes of such performance.

7.2 Contractor shall not, without Company's prior written consent, make use of any document or information except for purposes of performing the contract.

7.3 Any document supplied to the Contractor in relation to the contract other than the Contract itself remain the property of Company and shall be returned (in all copies) to Company on completion of Contractor's performance under the Contract if so required by Company.

7.4 However, the above obligation shall not extend to information

which

i) is, at the time of disclosure, known to the public; or

ii) lawfully becomes at a later date known to the public through no fault of Contractor; or

iii) is lawfully possessed by Contractor before receipt thereof from Company; or

iv) is disclosed to Contractor in good faith by a third party who has an independent right to such information; or

v) is developed by Contractor independently of the information disclosed by
Company; or

vi) Contractor is required to produce before competent authorities or by court order.

8.0 TAXES:

8.1 Tax levied as per the provisions of Indian Income Tax Act and any other enactment/ rules on income derived/payments received under the contract will be on Contractor"s account.

8.2 Contractor shall be responsible for payment of personal taxes, if any, for all the personnel deployed in India.

8.3 The Contractor shall furnish to the Company, if and when called upon to do so, relevant statement of accounts or any other information pertaining to work done under the contract for submitting the same to the Tax authorities, on specific request from them. Contractor shall be responsible for preparing and filing the return of income etc. within the prescribed time limit to the appropriate authority.

8.4 Prior to start of operations under the contract, the Contractor shall furnish to the Company with all necessary documents as asked for and/or any other information pertaining to the contract, which may be required to be submitted to the Income Tax authorities at the time of obtaining "No Objection Certificate" for releasing payments to the Contractor.

8.5 Tax clearance certificate for personnel and corporate taxes shall be obtained by the Contractor from the appropriate Indian Tax authorities and furnished to Company within 6 months of the expiry of the tenure of the contract or such extended time as the Company may allow in this regard.

8.6 Corporate income tax will be deducted at source from the invoice at the specified rate of income tax as per the provisions of Indian Income Tax Act as may be in force from time to time.

8.7 Corporate and personal taxes on Contractor shall be the liability of the Contractor and the Company shall not assume any responsibility on this account.

8.8 All local taxes, levies and duties, sales tax, VAT, octroi, etc. on purchases and sales made by Contractor shall be borne by the Contractor.

8.9 Service tax: Service Tax as applicable shall be on Company"s account. However, liability for payment of the service tax in case of Indian Contractor will lie on Contractor while in case of the foreign Contractor; the liability shall lie on the Company, provided they do not have any office in India.

9.0 INSURANCE:

9.1 The Contractor shall arrange insurance to cover all risks in respect of their personnel, materials and equipment belonging to the Contractor or its subcontractor during the currency of the contract.

9.2 Contractor shall at all time during the currency of the contract provide, pay for and maintain the following insurances amongst others:

a) Workmen compensation insurance as required by the laws of the country of origin of the employee.

b) Employer's Liability Insurance as required by law in the country of origin of employee.

c) General Public Liability Insurance covering liabilities including contractual liability for bodily injury, including death of persons, and liabilities for damage of property. This insurance must cover all operations of Contractor required to fulfill the provisions under this contract.

d) Contractor's equipment used for execution of the work hereunder shall have an insurance cover with a suitable limit (as per international standards).

e) Automobile Public Liability Insurance covering owned, non-owned and hired automobiles used in the performance of the work hereunder, with bodily injury limits and property damage limits shall be governed by Indian Insurance Regulations.

f) Public Liability Insurance as required under Public Liability Insurance Act 1991.

9.3 Contractor shall obtain additional insurance or revise the limits of existing insurance as per Company's request in which case additional cost shall be to Contractor"s account.

9.4 Any deductible set forth in any of the above insurance shall be borne by Contractor.

9.5 Contractor shall furnish to Company prior to commencement date, certificates of all its insurance policies covering the risks mentioned above.

9.6 If any of the above policies expire or are cancelled during the term of this contract and Contractor fails for any reason to renew such policies, then the Company will renew/replace same and charge the cost thereof to Contractor. Should there be a lapse in any insurance required to be carried by Contractor for any reason whatsoever, loss/damage claims resulting there from shall be to the sole account of Contractor.

9.7 Contractor shall require all of their sub-contractor to provide such of the foregoing insurance coverage as Contractor is obliged to provide under this Contract and inform the Company about the coverage prior to the commencement of agreements with its sub-contractors.

9.8 All insurance taken out by Contractor or their sub-contractor shall be endorsed to provide that the underwriters waive their rights of recourse on the Company and its Affiliates, the Co-venturers and their Affiliates.

10.0 CHANGES:

10.1 During the performance of the work, Company may make a change in the work within the general scope of this Contract including, but not limited to, changes in methodology, and minor additions to or deletions from the work to be performed. Contractor shall perform the work as changed. Changes of this nature will be affected by written order by the Company.

10.2 If any change result in an increase in compensation due to Contractor or in a credit due to Company, Contractor shall submit to Company an estimate of the amount of such compensation or credit in a form prescribed by Company. Such estimates shall be based on the rates shown in the Schedule of Rates (Section- IV, PART-3). Upon review of Contractor's estimate, Company shall establish and set forth in the Change Order the amount of the compensation or credit for the change or a basis for determining a reasonable compensation or credit for the change. If

Contractor disagrees with compensation or credit set forth in the Change Order, Contractor shall nevertheless perform the work as changed, and the parties will resolve the dispute in accordance with Clause 13.0 hereunder. Contractor's performance of the work as changed will not prejudice Contractor's request for additional compensation for work performed under the Change Order.

11.0 FORCE MAJEURE:

11.1 In the event of either party being rendered unable by "Force Majeure" to perform any obligation required to be performed by them under the contract, the relative obligation of the party affected by such "Force Majeure" will stand suspended as provided herein. The word "Force Majeure" as employed herein shall mean acts of God, war, revolt, agitation, strikes, riot, fire, flood, sabotage, civil commotion, road barricade (but not due to interference of employment problem of the Contractor) and any other cause, whether of kind herein enumerated or otherwise which are not within the control of the party to the contract and which renders performance of the contract by the said party impossible.

11.2 Upon occurrence of such cause and upon its termination, the party alleging that it has been rendered unable as aforesaid thereby, shall notify the other party in writing within Seventy Two (72) hours of the alleged beginning and ending thereof, giving full particulars and satisfactory evidence in support of its claim.

11.3 Should "force majeure" condition as stated above occurs and should the same be notified within seventy two (72) hours after its occurrence the "force majeure day rate" shall apply for the first 15 (fifteen) days. Either party will have the right to terminate the Contract if such "force majeure" conditions continue beyond 15 (fifteen) consecutive days with prior written notice. Should either party decide not to terminate the Contract even under such condition, no payment would apply after expiry of 15 (fifteen) days force majeure period unless otherwise agreed to.

12.0 TERMINATION:

12.1 TERMINATION ON EXPIRY OF THE TERMS (DURATION): This contract shall be deemed to have been automatically terminated on completion of contractual terms or upon expiry of duration of the contract including extension thereof, if any, except otherwise as provisioned herein.

12.2 TERMINATION ON ACCOUNT OF FORCE MAJEURE: Either party shall have the right to terminate the Contract on account of Force Majeure as set forth in Clause 11.0 above.

12.3 TERMINATION ON ACCOUNT OF INSOLVENCY: In the event that the Contractor at any time during the term of the Contract, becomes insolvent or makes a voluntary assignment of its assets for the benefit of creditors or is adjudged bankrupt, then the Company shall, by a notice in writing have the right to terminate the Contract and all the Contractor"s rights and privileges hereunder, shall stand terminated forthwith.

12.4 TERMINATION FOR UNSATISFACTORY PERFORMANCE: If the Company considers that, the performance of the Contractor is unsatisfactory, or not upto the expected standard, the Company shall notify the Contractor in writing and specify in details the cause of the dissatisfaction. The Company shall have the option to terminate the Contract by giving fifteen (15) days notice in writing to the Contractor, if Contractor fails to proceed diligently to remedy to Company"s satisfaction the matter(s) complained of, within a period of seven (7) days after such written notice is received by Contractor.

12.5 TERMINATION DUE TO CHANGE OF OWNERSHIP & ASSIGNMENT: In case the Contractor"s rights and / or obligations under the Contract and/or the Contractor"s rights, title and interest to the equipment/material, are transferred or assigned without the Company"s consent, the Company may at its absolute discretion, terminate the Contract.

12.6 TERMINATION DUE TO NON-AVAILABILITY OF EQUIPMENT/ PERSONNEL: If at any time during the term of the Contract, breakdown/non-availability of Contractor"s equipment and/or non-availability of personnel results in Contractor being unable to perform their obligations hereunder for a period of fifteen (15) successive days, Company at its option may terminate this Contract in its entirety without any further right or obligation on the part of the Company, except for the payment of money then due. No notice shall be served by the Company under the condition stated above.

12.7 Notwithstanding any provisions herein to the contrary, the Contract may be terminated at any time by the Company on giving thirty (30) days written notice to the Contractor due to any other reason not covered under the above Clauses from 12.1 to 12.6 and in the event of such termination the Company shall not be liable to pay any cost or damage to the Contractor, except for the services already availed upto the date of termination as per the provisions of the contract to the satisfaction of Company.

12.8 CONSEQUENCES OF TERMINATION: In all cases of termination herein set forth, the obligation of the Company to pay for Services as per the Contract shall be limited to the period up to the date of termination. Notwithstanding the termination of the Contract, the parties shall continue to be bound by the provisions of the Contract that reasonably require some action or forbearance after such termination.
In the event of termination of contract pursuant to the Clause 12.3, 12.4, 12.5 & 12.6, no Demobilization Charges shall be payable to Contractor.

12.9 Upon termination of the Contract, Contractor shall return to Company all of Company"s items, which are at the time in Contractor"s possession.

12.10 In the event of termination of contract, Company will issue Notice of termination of the contract with date or event after which the contract will be terminated. The contract shall then stand terminated and the Contractor shall demobilize their equipment, personnel & materials.

12.11 **COMPANY"S RIGHT TO TAKEOVER**: In the event, Company is justifiably dissatisfied with Contractor"s performance during the operation of any well hereunder on account of unreasonably slow progress or incompetence as a result of cause reasonably within the control of the Contractor, the Company shall give the Contractor written notice in which it shall specify in detail the cause of its dissatisfaction. Should the Contractor, without reasonable cause, fail or refuse to commence remedial action within 1 (one) day of receipt of the said written notice, the Company shall have the right, but not obligation to take over the specific operations, where the Contractor has failed to perform, till such time the Contractor commences remedial action. During the period of any such takeover, the entire cost of operation carried out by the Company will be deducted from the Contractor"s payment, in addition to imposing penalty as applicable as per the Contract for the Contractor"s failure.

13.0 SETTLEMENT OF DISPUTES AND ARBITRATION: All disputes or differences whatsoever arising between the parties out of or relating to the construction, meaning and operation or effect of this contract or the breach thereof shall be settled by arbitration in accordance with the Rules of Indian Arbitration and Conciliation Act, 1996. The venue of arbitration will be Guwahati / New Delhi. The award made in pursuance thereof shall be binding on the parties.

14.0 NOTICES:

14.1 Any notice given by one party to other, pursuant to this Contract shall be sent in writing or Fax and confirmed in writing to the applicable address specified
below:

COMPANY

OIL INDIA LIMITED
2- A, DISTRICT SHOPPING CENTRE
SARASWATI NAGAR
BASNI,
JODHPUR-342005, RAJASTHAN
Fax No. 0291- 2727050

CONTRACTOR

14.2 A notice shall be effective when delivered or on the notice's effective date, whichever is later.

15.0 SUBCONTRACTING/ASSIGNMENT: Contractor shall not subcontract, transfer or assign the contract, or any part under this contract, to any third party(ies) except with Company"s prior written consent. Under no circumstance, the Contractor shall be permitted to sublet/subcontract the drilling services. However, in case approval is obtained in writing from Company for subletting any petty support services, Contractor shall be fully responsible for quality performance of such services and complete execution of all the services under this Contract.

16.0 MISCELLANEOUS PROVISIONS:

16.1 Contractor shall give notices and pay all fees, at their own cost, required to be given or paid by any National or State Statute, Ordinance, or other Law or any regulation, or bye-law of any local or other duly constituted authority as may be in force from time to time in India, in relation to the performance of the services and by the rules & regulations of all public bodies and companies whose property or rights are affected or may be affected in any way by the services.

16.2 Contractor shall conform in all respects with the provisions of any Statute, Ordinance of Law as aforesaid and the regulations or bye-law of any local or other duly constituted authority which may be applicable to the services and with such rules and regulation, public bodies and Companies as aforesaid and shall keep Company indemnified against all penalties and liability of every kind for breach of any such Statute, Ordinance or Law, regulation or bye-law.

16.3 During the tenure of the Contract, Contractor shall keep the site where the services are being performed reasonably free from all unnecessary obstruction and shall store or dispose off any equipment and surplus materials and clear away and remove from the site any wreckage, rubbish or temporary works no longer required. On the completion of the services, Contractor shall clear away and remove from the site any surplus materials; rubbish or temporary works of every kind and leave the whole of the site clean and in workmanlike condition to the satisfaction of the Company.

16.4 Key personnel cannot be changed during the tenure of the Contract except due to sickness / death / resignation of the personnel in which case the replaced person should have equal experience and qualification, which will be again subject to approval by the Company.

17.0 LIQUIDATED DAMAGES FOR DEFAULT IN TIMELY MOBILISATION:

17.1 Time is the essence of this Contract. In the event of the Contractor's default in timely mobilization for commencement of operations within the stipulated period, the Contractor shall be liable to pay liquidated damages @ 0.5% (half percent) of contract value including mobilization cost for delay per week or part thereof subject to maximum of 7.5%. Liquidated Damages will be reckoned from the date after expiry of the scheduled mobilization period till the date of commencement of Contract as defined in Clause No. 2.0 above.

17.2 In addition, Company also reserves the right to cancel the Contract without any compensation whatsoever in case the Contractor fails to mobilize the Rig and commence operation within the stipulated period.

18.0 ASSOCIATION OF COMPANY'S PERSONNEL: Company's engineers/Company's hired engineers/consultants will be associated with the work throughout the operations and shall at all times have complete access to the Site for the purpose of observing, inspection or supervising the work performed by Contractor.

19.0 LABOUR: The recruitment of the labour shall be met from the areas of

operation and wages will be according to the rates prevalent at the time which can be obtained from the District Authorities of the area. The facilities to be given to the labourers should conform to the provisions of labour laws as per contract Labour (Regulation and Abolition) Act, 1970. However, the Contractor shall not make the Company liable to reimburse the Contractor to the statutory increase in the wage rates of the contract labour appointed by the Contractor. Such statutory or any other increase in the wage rates of the contract labour shall be borne by the Contractor.

20.0 LIABILITY:

20.1 Except as otherwise expressly provided, neither Company nor its co-leases, its servants, agents, nominees, contractors, or sub-contractors shall have any liability or responsibility whatsoever to whomsoever for loss of or damage to the equipment and/or loss of or damage to the property of the Contractor and/or their contractors or sub-contractors, irrespective of how such loss or damage is caused and even if caused by the negligence of Company and/or its servants, agent, nominees, assignees, contractors and subcontractors. The Contractor shall protect, defend, indemnify and hold harmless Company from and against such loss or damage and any suit, claim or expense resulting therefrom.

20.2 Neither Company nor its co-leases, its servants, agents, nominees, assignees, contractors, sub-contractors shall have any liability or responsibility whatsoever for injury to, illness, or death of any employee of the Contractor and/or of its contractors or sub-contractor irrespective of how such injury, illness or death is caused and even if caused by the negligence of Company and/or its servants, agents nominees, assignees, Contractors and subcontractors. Contractor shall protect, defend, indemnify and hold harmless Company from and against such liabilities and any suit, claim or expense resulting therefrom.

20.3 The Contractor hereby agrees to waive its right to recourse and further agrees to cause their underwriters to waive their right of subrogation against Company and/or its co-leases, its underwrites, servants, agents, nominees, assignees, contractors and sub-contractors for loss or damage to the equipment of the Contractor and/or its sub-contractors when such loss or damage or liabilities arises out of or in connection with the performance of the contract.

20.4 The Contractor hereby further agrees to waive its right of recourse and agrees to cause its underwriters to waive their right of subrogation against Company and/or its co-leases, its underwriters, servants, agents, nominees, assignees, contractors and sub-contractors for injury to, illness or death of any employee of the Contractor and of its contractors, sub-contractors and/or their employees when such injury, illness or death arises out of or in connection with the performance of the contract.

20.5 Except as otherwise expressly provided, neither Contractor nor its servants, agents, nominees, Contractors or sub-contractors shall have any liability or responsibility whatsoever to whomsoever for loss of or damage to the equipment and/or loss or damage to the property of the Company and/or their Contractors or sub-contractors, irrespective of how such loss or damage is caused and even if caused by the negligence of Contractor

and/or its servants, agents, nominees, assignees, Contractors and sub-contractors. The Company shall protect, defend, indemnify and hold harmless Contractor from and against such loss or damage and any suit, claim or expense resulting therefrom.

20.6 Neither Contractor nor its servants, agents, nominees, assignees, Contractors, sub-contractors shall have any liability or responsibility whatsoever to whomsoever or injury or illness, or death of any employee of the Company and/or of its contractors or sub-contractors irrespective of how such injury, illness or death is caused and even if caused by the negligence of Contractor and/or its servants, agents, nominees, assignees, contractors and sub- contractors. Company shall protect, defend indemnify and hold harmless Contractor from and against such liabilities and any suit, claim or expense resulting there from.

20.7 The Company agrees to waive its right of recourse and further agrees to cause its underwriters to waive their right of subrogation against Contractor and /or its underwriters, servants, agents, nominees, assignees, Contractors and sub- contractors for loss or damage to the equipment of Company and/or its contractors or sub-contractors when such loss or damage or liabilities arises out of or in connection with the performance of the contract.

20.8 The Company hereby further agrees to waive its right of recourse and agrees to cause it underwriters to waive their right of subrogation against Contractor and/or its underwriters, servants, agents, nominees, assignees, Contractors and sub-contractors for injury to, illness or death of any employee of the Company and of its Contractors, sub-contractors and/or their employees when such injury, illness or death arises out of or in connection with the performance of the Contract.

21.0 CONSEQUENTIAL DAMAGE: Neither party shall be liable to the other for special, indirect or consequential damages resulting from or arising out of the contract, including but without limitation, to loss of profit or business interruptions, howsoever caused and regardless of whether such loss or damage was caused by the negligence (either sole or concurrent) of either party, its employees, agents or sub-contractors.

22.0 INDEMNITY AGREEMENT:

22.1 Except as provided hereof Contractor agrees to protect, defend, indemnify and hold Company harmless from and against all claims, suits, demands and causes of action, liabilities, expenses, cost, liens and judgments of every kind and character, without limit, which may arise in favour of Contractor"s employees, agents, contractors and sub-contractors or their employees on account of bodily injury or death, or damage to personnel/properly as a result of the operations contemplated hereby, regardless of whether or not said claims, demands or causes of action arise out of the negligence or otherwise, in whole or in part or other faults.

22.2 Except as provided hereof Company agrees to protect, defend, indemnify and hold Contractor harmless from and against all claims, suits, demands and causes of action, liabilities, expenses, cost, liens and judgments of every kind and character, without limit, which may arise in

favour of Company"s employees, agents, contractors and sub-contractors or their employees on account of bodily injury or death, or damage to personnel/properly as a result of the operations contemplated hereby, regardless of whether or not said claims, demands or causes of action arise out of the negligence or otherwise, in whole or in part or other faults.

23.0 INDEMNITY APPLICATION: The indemnities given herein above, whether given by Company or Contractor shall be without regard to fault or to the negligence of either party even though said loss, damage, liability, claim, demand, expense, cost or cause of action may be caused, occasioned by or contributed to by the negligence, either sole or concurrent of either party.

23.1 The Contractor shall not make Company liable to reimburse the Contractor to the statutory increase in the wage rates of the contract labour appointed by the Contractor. Such statutory or any other increase in the wage rates of the contract labour shall be borne by the Contractor.

23.2 Any permission from the Mines Directorate in connection with working in excess of 8 (eight) hours per day shift pattern by the Contractor shall have to be arranged by the Contractor before commencement of the Contract, in consultation with the Company. Moreover, since the Contractor"s personnel engaged shall be working under the Mines Act and Oil Mines Regulations, the Contractor shall have to obtain any other relevant permission from the Mines Directorate to engage their employees in compliance with various procedures as per Mines Act. In case of any breach of procedures under Mines Act the Contractor shall be held responsible and they shall bear all expenses arising as a result thereof.

23.3 The Contractor shall not engage labour below 18 (eighteen) years of age under any circumstances. Persons above 60 (sixty) years age also shall not be deployed except Manager / Superintendent.

23.4 Moreover, the Contractor should obtain and produce in advance to commencement of Work the following certificate / approvals:

(i) Approval from DGMS / DDMS for shift patterns in excess of 8 hours. (ii) Total manpower list.
(iii) License/certificate from specified electrical authorities for the rig and
camp electrical personnel, if required.
(iv) All certificates as per applicable laws including Mines Acts.
(v) Regional Labour certificate, if required.

24.0 ENTIRE CONTRACT: This Contract contains the entire agreement between the Parties and supersedes any previous understandings, commitments, agreements or representations whatsoever, oral or written, pertaining to the subject matter hereof, provided that nothing in this Clause (Entire Contract) shall have effect to exclude or restrict the liability of either Party for fraud or fraudulent misrepresentation.

25.0 RECORDS, REPORTS AND INSPECTION: The Contractor shall, at all times, permit the Company and its authorized employees and representatives to inspect all the Work performed and to witness and check all the measurements and tests made in connection with the said work. The Contractor shall keep an authentic, accurate history and logs including safety records of each well with major items consumed and received on rig, which shall be open at all reasonable times for inspection by the Company designated representatives and its authorized employees and representatives. The Contractor shall provide the Company designated representatives with a daily written report, on form prescribed by the Company showing details of operations during the preceding 24 hours and any other information related to the said well requested by the Company whenever so requested. The Contractor shall not, without Company"s written consent allow any third person(s) access to the said well, or give out to any third person information in connection therewith.

26.0 INSPECTION OF MATERIALS

26.1 INSPECTION BY CONTRACTOR: The Contractor agrees to perform a visual inspection, using its personnel, of all materials and appliances furnished by the Company when delivered into Contractor's possession and shall notify Company's representative of any apparent defects observed therein so that Company may replace such defective materials or appliances. If Contractor fails to notify the Company of any apparent defects as provided above, it shall be conclusively presumed that such materials and appliances are free from such apparent defect. Contractor shall not be liable for any loss or damage resulting from the use of materials or appliances furnished by the Company containing latent defects. Upon the termination of this Agreement, Contractor shall return to the Company at the Well- site all machinery, equipment, tools, spare parts and supplies received by Contractor from the Company or purchased by the Contractor for the Company"s account and not used or consumed in the operations, in as good condition as when received by Contractor, normal wear & tear excepted. If damage to any of the Company"s equipment is caused due to sole negligence of the Contractor, same will be repaired or replaced at Contractor's cost. Contractor shall, if requested by the Company also maintain or repair, at its cost, any of the Company"s items, at the Drilling Unit which Contractor is qualified to and can maintain or repair with Contractor's normal complement of personnel and the equipment at the Drilling Unit provided however that the Company shall at its cost provide all spare parts and materials required to maintain or repair the Company"s items. However, it shall remain the Company"s basic responsibility and liability to ensure that such items are always in good workable condition.

26.2 INSPECTION BY OPERATOR: The Company shall have the right to inspect and reject for any valid cause any items furnished by Contractor and Contractor shall replace or repair at its sole expense such items so rejected with items free of defects, to the satisfaction of the Company.

27.0 ROYALTY AND PATENTS: Each party shall hold the other harmless and indemnify from and against all claim and proceedings for or on account of any patent rights, design, trade mark or other protected rights arising from any use of materials, equipment, processes, inventions and methods which have not been imposed on the attending party by the terms of the Contract or the specifications or drawings forming part thereof.

(END OF SECTION – I)

Part-3

SECTION – II

SPECIAL TERMS & CONDITIONS OF CONTRACT

1.0 DEFINITIONS: Following terms and expression shall have the meaning hereby assigned to them unless the context otherwise requires:

1.1 `Drilling Unit' means drilling rig complete with pumps, power packs, draw-works, mud system, mast and substructure etc and other accessories and equipment as listed in the Contract.

1.2 "Associated services" means equipment and services, asked for, along with Drilling unit in this bid document. These include but not limited to mud engineering, effluent treatment & disposal service, equipment & services; camp/ catering/ medical services, communication, safety & fire fighting services, well control services etc.

1.3 "Operating Area" means those areas in onshore India in which company or its affiliated Company may from time to time be entitled to conduct drilling operations.

1.4 "Operation Base" means the place or places, onshore, designated as such by Company from time to time.

1.5 "Site" means the land and other places, on/under/in or through which the works are to be executed by the Contractor and any other land and places provided by the Company for working space or any other purpose as designated hereinafter as forming part of the Site.

1.6 "Company's items" means the equipment, materials and services, which are to be provided by Company at the expense of Company and listed in the Contract.

1.7 "Contractor's items" means the equipment, materials and services, which are to be provided by Contractor or Company at the expense of the Contractor which are listed in section under 'terms of reference and technical specifications'.

1.8 "Commencement Date" means the date on which the first well is spudded- in under this contract.

1.9 "Contractor's personnel" means the personnel as mentioned under section 'terms of reference and technical specification'. To be provided by Contractor from time to time to conduct operations hereunder.

1.10 "Contractor's representatives" means such persons duly appointed by the contractor thereof at site to act on Contractor's behalf and notified in writing to the company.

1.11 'Day' means a calendar day of twenty-four (24) consecutive hours beginning at 07:00 hrs. and ending at 07:00 hrs.

1.12 'Approval' as it relates to Company, means written approval.

1.13 'Facility' means and includes all property of Company owned or hired, to be made available for services under this Contract and as described in this agreement which is or will be a part of the Company.

1.14 'Certificate of Completion' means certificate issued by the Company to the Contractor stating that he has successfully completed the jobs/works assigned to him and submitted all necessary report(s)/document(s) as required by the Company.

1.15 'Base camp' means the camp where the Contractor's personnel shall reside for carrying out the operations along with specified Company's personnel as per the contract.

1.16 'Inter-location movement' means transferring of complete rig materials from present location after rig release till spud-in at the next location

1.17 'Spud- in of the well' means the initiation of drilling of the well and the very first hit on well centre at the new location after all rig up preparation is complete in all respects subsequent to clearance from safety, audit and the Company representative.

1.18 'Drilling Operation' means all operations as generally understood for drilling Oil/Gas wells, more particularly all the operations required to be carried out pursuant to this contract.

2.0 MOBILIZATION:

2.1 The mobilization of the Drilling Unit and associated services shall commence on the date of receipt of the LOI/LOA awarding the contract and shall continue until the complete drilling unit is properly positioned at the first drilling location, rig-up operations are completed and the well is actually spud in.

2.2 The Contractor will advise readiness for commencement of mobilization / shipment to Company after the effective date (i.e., date of issuance of LOI/LOA), at least 3 days before the actual mobilization / shipment

2.3 Mobilization charges will be payable after the commencement date as certified by the Company.

2.4 Company at its discretion may allow commencement of drilling operation without complete mobilization, however necessary deduction for short supplied items will be made as per cost evaluated by OIL.

(i) For any items supplied by the Company, rental will be calculated after amortizing the cost of the item over a period of 5 years applying 15% PTRR (Post tax rate of return). Similar deductions will also be made for short supplied items neither supplied by Company nor by the Contractor.

(ii) Deduction will be calculated based on Company's determined cost, which shall be treated as final, basis of which shall provide to the Contractor.

(iii) Notwithstanding this provision for partial mobilization, bidder must quote in accordance with relevant clauses for full mobilization.

2.5 COMPLETION OF DEMOBILISATION: Demobilization shall be completed by Contractor within 60 days of expiry / termination of the contract. After the completion of work, all equipment, accessories etc. brought to India on re-export basis shall be re-exported by Contractor except well consumables and spares consumed in the wells. In case of failure to do so in the allotted time hereof except under circumstances relating to Force Majeure, Company reserves the right to withhold the estimated amount equivalent to the customs duty and/or penalty leviable by customs on such default in respect of re-export, from Contractor's final settlement of bills. In the event of all / part of the equipment etc. are transferred by Contractor within the country to an area where no nil customs duty is applicable and/or sold to a third party after obtaining permission from Company and other appropriate government clearances in India, then Contractor shall be fully liable for payment of the customs duty.

3.0 CONTRACTOR'S PERSONNEL:

3.1 Except as otherwise hereinafter provided, the selection, replacement and remuneration of the Contractor's personnel shall be determined by the Contractor. Such employees shall be the employees solely of Contractor. Contractor shall ensure that its personnel will be competent and efficient. However, the Contractor shall provide details of experience, qualification and other relevant data of the personnel to be deployed for scrutiny and clearance by the Company before the actual deployment. The Contractor shall not deploy its personnel unless cleared by the Company.

3.2 The Contractor shall nominate one of its personnel as Contractor's representative who shall be in charge of Contractor's personnel and who shall have full authority to resolve all day to day maters, which arise at the site.

3.3 The Contractor shall have a base office at Jodhpur to be manned by competent personnel, who shall act on behalf of the Contractor in all matters relating to Contractor's obligations under the contract.

3.4 Contractor shall provide all manpower for necessary supervision and execution of all works/jobs under this contract to Company's satisfaction except otherwise stated. The minimum number of key personnel to be deployed is mentioned in this document.

3.5 Contractor will immediately remove and replace any of the Contractor's personnel, who in the opinion of Company is incompetent, negligent, displaying unacceptable behavior/attitude or whose employment is otherwise considered by Company to be undesirable.

3.6 Contractor shall deploy on regular basis, all category of their employee required for economic and efficient drilling and other related operations.

4.0 FOOD, ACCOMMODATION, TRANSPORTATION AND MEDICAL FACILITY AT WELL SITE:

4.1 Food & Accommodation: Contractor shall provide and maintain hygienic and standard quality food & services for its own & sub-contractor's personnel and for twenty (20) nos. Company's designated personnel per day free of charge.
4.2 Transport Service: Transportation of Contractor's personnel will be arranged by Contractor whilst that of Company's staying at base will be arranged by Company.
4.3 Medical Facilities: The Contractor shall arrange for medical facilities and a Doctor including an well-equipped ambulance at site at his own cost.

5.0 CONTRACTOR'S ITEMS:

5.1 Contractor shall provide items and personnel to perform the services under the contract as specified in this document.

5.2 Contractor shall be responsible for maintaining at his cost adequate stock levels of contractor's items including spares and replenishing them as necessary.

5.3 Contractor shall be responsible for the maintenance and repair of all contractors' items and will provide all spare parts, materials, consumables etc. during the entire contractual period.

5.4 Contractor shall provide full water requirement at rig site and campsite (industrial and potable).

5.5 Contractor shall provide all lubricants for operation of contractor's equipment both at drill-site and campsite at his own cost. There shall be no escalation in the day rates throughout the duration of the contract including extension, if any, on account of any price increase in fuel / lubricants.

5.6 Contractor shall provide electricity at both drill-site and camp-site for meeting both contractors' as well as company's requirement.

5.7 Zero day rate will be applicable for shutdown of rig operations on account of inadequate supply of contractor's items/equipment, including but not limited to electricity, lubricants, fuel, industrial water and personnel.

6.0 CONDUCTING DRILLING OPERATIONS:

The Contractor shall carry out all operations mentioned hereunder with due diligence in a safe and professional manner and in accordance with accepted international oilfield practices.

Wells shall be drilled to a depth as specified in the drilling program but subject to the condition that company may elect to drill a well to a depth either lesser or deeper than originally planned. However, it shall be within the rated capacity of the Rig in terms of drilling depth range and maximum casing setting depth.
The Drilling Unit and all other equipment and materials to be provided by the Contractor shall be in prime working condition.

The Depth Data & Drilling Policy provided by Company shall primarily include planning of the following:

-Well structure
-Casing program.
-Well head assembly including production well head.
-Expected formation details with lithology.
-Expected drilling hazards like to be encountered
-Mud policy
-Coring program (if any).
-Cementing program.
-Drill stem testing program (if any)
-Wire line logging program.
-Mud logging program.
-Open hole/cased hole evaluation.
-Well control preventive measures.
-BOP & well -head testing program
-BOP drill & Fire drill.
-Environmental protection

Well Testing program provided by the Company primarily may include the following:

-Production testing program.
-Production well head assembly & blow out prevention system.
-Details of production string inclusive of gas lift valve and packer.
-Well/completion fluid program.
-Cement repair / squeeze program (if any).
-Cement cleaning program.
-Wire line (cased hole) logging program.
-Drilling out of bridge plug and packers (if any).
-Casing repair job.
-Acidization program.
-Swabbing operation.
-Gas and water injection program.
-Wire line operation including perforation.
-Details of cold production program (if any).
-Details of EOR (Enhanced Oil Recovery)

Completion of drilling shall occur when the well has been drilled to the required depth with casings lowered, cemented, logged satisfactorily, hermetically tested, and drill pipes broken off and initial production testing carried out unless otherwise advised by Company.

Upon completion of a drilling well, statement stating that the well has been completed in accordance with the terms of this Contract and signed by the representatives of both Contractor and Company, will be made available to the Company.

Operation of Drilling Unit: Contractor shall be solely responsible for the operation of the Drilling Unit including but not limited to supervising rig move operations and positioning and rigging up at drilling location as required by Company as well as

such operations at drilling locations as may be necessary or desirable for the safety of the Drilling Unit.

6.1 Cores: Contractor shall take conventional or diamond cores between such depths as specified by company and in the manner requested by company and shall deliver at the location all recovered cores to Company.

6.2 Cuttings: Contractor shall save and collect cuttings samples according to company's instructions and place them duly labeled in containers furnished by company.

6.3 Hole Inclination: Contractor shall do his best in accordance with good oil field drilling practices to maintain the hole VERTICAL within the limit specified by the Company in the drilling program. Contractor will take necessary steps to bring the hole within permissible limit as requested by the Company.

Contractor shall assist in performing any tests to determine the productivity of any formation encountered as may be directed by Company. Such tests and services may include, but not limited to electric logging, drill stem tests, perforation of casing, acidizing, swabbing, fracturing and acid fracturing. Company will provide Specialized Tools/ personnel for these operations.

6.4 Depth Measurement: Contractor shall at all times be responsible for keeping accurate record of the depth of the hole and record such depth on the daily drilling report and tally books. OIL shall have the right at any time to check measurements of the depth of the hole in any manner.

6.5 Plug back and Sidetrack: Upon being requested to do so by the Company, Contractor shall cease drilling and carryout operations for plug back and sidetrack of the hole.

Casing and Cementing: Lowering and cementing of all casings is Contractor's responsibility. Contractor shall use best effort and methods to run and set casings of the sizes, weights/ grades and at depths as instructed by the Company. Contractor shall allow cement to set over a period of time as specified by the Company. During such time, Contractor shall assemble blowout prevention equipment and test the same in a manner satisfactory to Company and otherwise make preparation for subsequent work. After cement has set, casing shall be tested in a manner satisfactory to Company, and Contractor shall continue such testing until results satisfactory to Company are secured. Any re-cementing or repairs to casing will be done at Company's discretion. Cementation of all stages of casings shall be carried out by using company's hired cementing service.

The Contractor will maintain the well fluids in a manner satisfactory to the Company. The parameters of the drilling fluid shall be maintained by the Contractor in accordance with specifications and / or formulations set forth by the Company.

6.6 HSE COMPLIANCE: Contractor shall observe relevant safety regulations in accordance with acceptable oilfield practice and applicable Indian Laws such as Mines Act 1952. Contractor shall take all measures reasonably necessary to provide safe working conditions and shall exercise due care & caution in preventing fire, explosion and blow out, and maintain fire-fighting and well control equipment

in sound condition at all times. Contractor shall conduct all statutory safety drills, BOP/well head tests etc. as may be required by Company at prescribed intervals.
The successful Bidder has to forward the necessary sample documents of SOP, Risk Register, Bridging document covering all operational and HSE issues prior to spud-in the first location. The Contractor has to nominate the responsible key personnel as per statutory guideline (OMR) for necessary supervision and maintenance of all HSE requirements.
In case Contractor is found non-compliant of HSE laws as required, the Company will have the right for directing the contractor to take action for necessary compliance of shortfalls. Otherwise the contractor will be penalized @ 5 % of the operating day rate for the period of non-compliance.

Note: Company at its discretion may prepare one bridging document/agreement with the successful Bidder to comply statutory manpower requirements with respective responsibilities as per OMR/OISD before completion of mobilization.

6.7 In the event of any fire or blowout, Contractor shall use all reasonable means at his disposal to protect the hole and bring the said fire or blowout under control.

6.8 Adverse Weather: Contractor, in consultation with Company, shall decide when, in the face of impending adverse weather conditions, to institute precautionary measures in order to safeguard the well, equipment & material, Drilling Unit and personnel to the fullest possible extent. Contractor and Company shall each ensure that their representatives for the time being at well site will not act unreasonably in the exercise of this clause.

AMENDMENTS OF DRILLING AND COMPLETION PROGRAMME: It is agreed that Contractor shall carry out drilling, casing lowering, course corrections, wellhead/BOP testing, production testing, completions, abandonment, if any, and all other operations, in accordance with the well drilling and completion program to be furnished by OIL, which may be amended from time to time by reasonable modification as OIL deems fit, in accordance with good oil field practices.

6.9 APPLICABLE RATE FOR EXTENSION OF DRILLING BEYOND PROJECTION MADE IN TENDER (APPLICABLE FOR ALL SIZE & STAGES OF DRILLING): It may be required to drill beyond the depth projected in this tender and also in those specified in well policy at no extra cost to OIL.

WELL POLICY: The depth data & drilling policy given in this document is tentative only. The depth, nature, area or all other factor may vary depending on the actual requirement and during the execution of the contract. The Contractor shall be bound to obey the changes made by OIL from time to time.

7.0 CONTRACTOR'S SPECIAL OBLIGATIONS

7.1 It is expressly understood that Contractor is an independent Contractor and that neither its employees nor its subcontractors are employees or agents of Company. However, Company is authorized to designate its representative, who shall at all times have access to the Drilling Unit, related equipment and materials and all records, for the purposes of observing, inspecting and designating the work to be performed hereunder by Contractor. The Contractor may treat Company's representative at well site as being In-

Charge of all Company's and Company designated personnel at well site. The Company's representative may, amongst other duties, observe, test, check and control implementation of drilling, casing, mud and testing procedure/program, equipment and stock, examine cuttings and cores, inspect works performed by Contractor or examine records kept at well site by Contractor.

7.2 Compliance with company's Instructions: Contractor shall comply with all instructions of the Company consistent with the provision of this contract, including but not limited to drilling, well control, safety instructions, confidential nature of information, etc. Such instructions, if contractor requests shall be confirmed in writing by Company's representative.

7.3 WELL RECORDS: Contractor shall keep an authentic log and history of each well on the daily drilling report prescribed by the Company and upon completion or abandonment of the well, delivers to Company, the original history and log, book, properly signed along with all other data and records of every nature, relating to the drilling, casing and completion of the well. Such reports shall include the depth drilled formations encountered and penetrated, depth cored and footage of cores recovered, during the proceeding twenty four (24) hours, details of BHA in hole, details of drilling parameters maintained and any other pertinent information relating to the well

Contractor shall also provide to the Company –

- Daily drilling report on IADC proforma duly certified by Company's representative along with daily record-o-graph or drillometer chart.
- Daily mud report on IADC proforma including mud stock, daily consumption and stock position of chemicals.
- Gas testing records.
- Conditions of mud mixing facilities like guns, agitators etc.
- Daily report on P.O.L. consumption.
- Daily roster of contractor's personnel.
- Casing tally/Tubular tally details: After each job.
- Bit performance record: After completion of each well.
- Well completion/well abandonment: After completion of a well successfully, contractor will provide drilling and completion report of the well with all information and events including above-mentioned information. In case of abandonment of a well, abandonment report, in addition to above, will be provided by the Contractor in Company's prescribed format or as per requirement.
- Attendance record of Contractor's personnel.

7.4 Confidentiality of Information: All information obtained by Contractor in the conduct of operations hereunder, including but not limited to, depth, formations penetrated, coring, testing, surveying etc. shall be considered confidential and shall not be divulged by Contractor or its employees to any one other than Company's Representative. This obligation of Contractor shall be in force even after the termination of the contract.

7.5 Contractor shall carryout normal maintenance of Company's items at well site excepting for those items which Contractor is not qualified to or cannot maintain or repair, with its normal complement of personnel and equipment.

7.6 Contractor should provide the list of items to be imported in the format specified in Proforma-A for issuance of recommendatory letter to Directorate General of Hydrocarbons (DGH), New Delhi for clearance of goods from Indian customs at concessional (nil) rate of customs duty.

7.7 Contractor shall arrange for inland transportation of all equipment, etc. from the port to the place of work and back at the end of the work at their own expense. Arrangement of Road Permits and payment of State Entry Tax for bringing Contractor's equipment / material to Work place shall be Contractor's responsibility.

7.8 In case the Contractor imports the equipment etc. on re-export basis, the Contractor shall ensure for re-export of the equipment and all consumables and spares (except those consumed during the contract period) and complete all documentation required. Company will issue necessary certificates etc. as required. The Contractor should arrange for re-export of equipment within 60 days of notice of demobilization issued by the Company. If the re-export is not completed within the specified period, customs duty, penalty etc. levied by customs authorities for such delay shall be to Contractor's account and same will be deducted by the Company from Contractor's bills and security deposit.

8.0 COMPANY'S SPECIAL OBLIGATIONS

8.1 Company shall at its cost, provide items and services as shown in this document.

8.2 Company shall be responsible at its cost, for maintaining adequate stock levels of its items and replenishing the same as deemed necessary, unless specified to the contrary elsewhere in the contract.

8.3 Ingress and Egress at location: Company shall provide Contractor requisite certificates for obtaining rights of ingress to and egress from the locations, where wells are to be drilled, including any certificate required for permits or licenses for the movement of Contractor's personnel. Should such permits/ licenses be delayed because of objections of appropriate authorities in respect of specific Contractor's persons such persons should be promptly removed from the list by the Contractor and replaced by acceptable persons. For any stoppage of operations for such delays, no day rate will be applicable.

9.0 PAYMENTS, MANNER OF PAYMENT, RATES OF PAYMENT, FORCE MAJEURE ETC.

9.1 Company shall pay to the Contractor during the term of the Contract the amount due from time to time calculated according to the rates of payment set and in accordance with other provisions hereof. No. other payments shall be due from Company unless specifically provided for in the contract. All payments will be made in accordance with the terms hereinafter described.

9.2 **Manner of Payment:** All payments due by Company to Contractor hereunder shall be made at Contractor's designated bank. Bank charges, if any will be on account of the Contractor.

9.3 Payment of any invoices shall not prejudice the right of Company to question the validity of any charges therein, provided Company within one year after the date of payment shall make and deliver to the Contractor written notice of objection to any item or items the validity of which in question.

9.4 **Invoices:** Mobilization charges will be invoiced only upon completion of mobilization (after commencing of operation at the first well), submission / production of appropriate inventory documents, and physical verification by Company Representative.

9.5 Contractor shall send invoice to Company on the day following the end of each month for all daily or monthly charges due to the Contractor.

9.6 Billings for daily charges will reflect details of time spent (calculated to the nearest quarter hours) and the rates charged for that time. This should be in the form of monthly time analysis chart(s). Monthly invoices will be raised only after spud-in of the first well.

9.7 Invoice for reimbursable charges related to the contract will be accompanied by documents supporting the cost incurred.

9.8 Contractor will submit **three (03) sets** of all invoices duly super scribed `Original' and `copy' as applicable to the company for processing payment. Separate invoices for the charges payable under the contract shall be submitted by the Contractor for foreign currency and Indian currency.

9.10 Payment of monthly invoices, if undisputed, shall be made within 30 days following the date of receipt of invoice by Company excepting for the first two (2) monthly invoices where some delay (up to one month) may occur.

9.11 Company shall within 20 days of receipt of the invoice notify the Contractor of any item under dispute, specifying the reasons thereof, in that event payment of the disputed amount may be withheld until settlement of the dispute, but payment shall be made of any undisputed portion on or before the due date. This will not prejudice the company's right to question the validity of the payment at a later date as envisaged in Clause 9.3 above.

9.12 The acceptance by Contractor of part payment on any billing not paid on or before the due date shall not be deemed a waiver of Contractor's rights in any other billing, the payment of which may then or thereafter be due.

9.13 Payments of other invoices as set forth in Clause 9.7 shall be made within 60 days following the date of receipt of the invoices by Company.

9.14 Payment of mobilization charges shall be made within 45 days following the date of receipt of undisputed invoices by Company. Mobilization should be complete in all respect before raising invoice.

9.15 Payment of demobilization charges shall be made when applicable within 45 days following receipt of invoice by Company accompanied by the following documents from the contractor:

a) Audited account up to completion of the Contract.
b) Tax audit report for the above period as required under the Indian Tax Laws.
c) Documentary evidence regarding the submission of returns and payment to taxes for the expatriate personnel engaged by the Contractor or by its sub-contractor.
d) Proof of re-export of all items (excepting consumables consumed during the contract period) and also cancellation of re-export bond if any.
e) Any other documents as required by applicable Indian Laws.

In case, no demobilization charges are payable the documents mentioned above will have to be submitted by the Contractor before release of the final payment by the company.

9.16 Contractor shall maintain complete and correct records of all information on which Contractor's invoice are based upto 2 (two) years from the date of last invoice. Such records shall be required for making appropriate adjustments or payments by either party in case of subsequent audit query /objection.

9.17 **Subsequently Enacted Laws**: Subsequent to the date of issue of Letter of Intent (LOI), if there is a change in or enactment of any law or interpretation of existing law, which results in additional cost/reduction in cost to Contractor on account of the operation under the contract the Company/Contractor shall reimburse/pay Contractor / Company for such additional / reduced costs actually incurred.

10.0 LOSS OR DAMAGE TO HOLE:

a) OIL shall be liable for the cost of regaining control of any wild well, blowout, as well as the cost of removal of debris, and shall indemnify the Contractor.

In the event, any hole is lost or damaged by reason of willful acts or Contractor's gross negligence or other legal fault, Contractors liability shall be limited either to drilling a new hole in the same location or vicinity to the depth at which the old hole was abandoned or at the selection of Company to re-drill the section of the hole to the reasonable satisfaction of Company at Contractor's cost.

10.1 **Damage or loss of the Drilling Unit**:

a) The Contractor shall at all times be solely responsible for any damage to or loss or destruction of the Drilling Unit and its other property irrespective of how such loss, damage or destruction is caused, and even if caused by the negligence of the Company and/or his servants, agents, nominees, assignees, contractors and subcontractor, and the Contractor shall hold harmless and indemnify the Company from and against any expenses, loss or claim related to or resulting from such loss, damages or destruction.

b) If the Drilling Unit is declared to be a total loss and/or construed to be total loss, as determined by the applicable insurance coverage, this contract shall

terminate in respect of the drilling unit(s) as of the occurrence of the event causing such loss and each party shall thereupon be released of all further obligations hereunder in respect of that drilling unit(s), except for its payment of monies then due or liabilities to be charged in respect of work already done under this contract in respect of that drilling unit(s).

10.2 LOSS OR DAMAGE OF CONTRACTOR'S DRILLING UNIT OR SUBSURFACE EQUIPMENT

10.2.1 Except as otherwise specifically provided in the contract, any damage to or loss, of the Drilling Unit and/or subsurface tools/equipment regardless of the cause or reason for said loss, shall be the loss of the Contractor, its underwriters or insurers. Contractor indemnifies OIL, its Co-licensees and its and their affiliates Companies, Agents, employees, invitees, servants, their underwriters or insurers (other than Contractor's) and their employees, agent any claim whatsoever or responsibility for any damage to or loss of the Drilling Unit or any other equipment or property of Contractor or Contractor's sub-contractors furnished or intended for use in the operations herein undertaken.

10.2.2 If the Drilling Unit or any part thereof or subsurface tools/equipment is lost or damaged beyond repair or becomes an actual or constructive compromised, arranged loss or is otherwise abandoned, the Contractor shall, if required by OIL or by the laws, regulation or order of Governmental Authorities or Agency remove the Drilling Unit from operating areas to the satisfaction of the OIL. If the Contractor unreasonably delays in removing the Drilling Unit or any part thereof, the OIL may remove it and the Contractor shall indemnify and reimburse OIL for all cost and expenses incurred by OIL in connection therewith. Any expense incurred by OIL in connection with or for locating the area/price of such loss/damage and/or ascertain whether such loss/ damage has resulted in any pollution or not, shall also be reimbursed by the Contractor to OIL.

10.2.3 **OIL'S EQUIPMENT:** Contractor assumes the risk of all and shall be solely responsible for, damage to and loss or destruction of materials and equipment or supplies furnished by OIL. In case there is a loss or damage to OIL's equipment for causes attributable to Contractor, the Contractor shall compensate OIL.

10.2.4 **BLOWOUT OR CRATER:** In the event of any well being drilled hereunder shall subject to blowout or crater due to negligence of Contractor, the Contractor will bear the entire cost and expenses of killing the well or otherwise bringing the well under control and shall indemnify and hold Company harmless in this regard. This provision is not to be interpreted as Company assuming any liability for loss of property, damages, loss of life or injuries caused by such a blowout, except as otherwise provided under the terms and conditions of the contract.

10.2.5 **Use of Contractor's Equipment:** Company shall have the right to use the Drilling Unit and the entire Contractor's equipment provided under the contract during such times as Company or both Company and the Contractor are engaged in bringing the well under control.

10.2.6 **Pollution and contamination:** Notwithstanding anything to the contrary contained herein, it is agreed that the responsibility and liability for pollution or contamination shall be as follows:

a) Contractor shall assume all responsibility and liability for cleaning up and removal of pollution or contamination which originates above the surface from spills of fuels, lubricants, motor oils, pipe dope, paints, solvents and garbage wholly in Contractor's possession and control and/or directly associated with Contractor's equipment and facilities, caused, and that originating from normal water base drilling fluid and drill cuttings.

b) Contractor shall assume all responsibility and liability for all other pollution or contamination, howsoever caused including control and removal of same, which may occur during the term of or arising out of this contract and shall indemnify Company from and against all claims, demands and causes of action of every kind and character arising from said pollution or contamination, including but not limited to that which may result from fire, blowout, crater, seepage or any other uncontrolled flow of oil, gas, water or other substance, as well as the use or disposal of oil base drilling fluids.

c) In the event a third party commits an act of omission which results in pollution or contamination for which either the Contractor or Company, by whom such party is performing work is held to be legally liable, the responsibility shall be considered as between Contractor and Company, regardless of the party for whom the job was performed and liability as set forth in (a) and (b) above would be specifically applied.

d) In the event effluent / waste pit provided by the Company, getting filled up in the normal course which can be prevented by Contractor, the same shall be emptied completely or partially by the Contractor using disposal pumps, to avoid overflow in the neighboring areas or alternatively the Company will provide additional pits at its cost. In case pits so constructed have seepage from the walls of the pit or bund of the pit, Company will take remedial action to prevent the same at its cost.

11.0 **WAIVERS AND AMENDMENTS:** It is fully understood and agreed that none of the terms and conditions of the contract shall be deemed waived or amended by either party unless such waiver or amendment is executed in writing by the duly authorized agents or representatives of such party. The failure of either party to execute any right of termination shall not act as a waiver or amendment of any right of such party provided hereunder.

12.0 **CUSTOMS DUTY**

12.1 The Services under the Contract shall be carried out in PEL areas renewed /issued to Company after 1.4.1999 and, therefore, imports under this Contract are presently exempted from customs duty. Company shall provide recommendatory letter to Directorate General of Hydrocarbons, New Delhi (DGH) for issuance of Essentiality Certificate (EC) to enable Contractor to import goods for providing services under this Contract at concessional (NIL) customs duty. Contractor should provide the list of items to be imported under this Contract in the format specified for issuance of recommendatory letter to DGH. On shipment of goods as per Part-4, Proforma F, the Contractor shall intimate Company along with all shipping documents (with clear 15 working days notice) for arranging EC provided all the documents submitted by the Contractor are in order.

12.2 However, in the event customs duty is leviable during the course of contract arising out of a change in the policy of the Government, Company shall be liable for

payment of the customs duties leviable in India on contractor's items as provided in Part-4, Proforma F or the actual whichever is less, provided contractor furnishes all necessary documents indicating the estimated customs duty at least 10 days in advance. Such payment of customs duty shall be arranged by company and made available to the representatives of contractor at Calcutta/ any other places as desired by the Contractor within 03 working days after contractor submits the undisputed and clear necessary documents/duty assessment papers at company's office.
Contractor would be responsible for passing such payment to customs authorities at the port of entry. Company's obligation for customs duty payment shall be limited/restricted to the tariff rates as assessed by the customs on the day of clearance, or as on the last day of the stipulated mobilisation period in case of clearance thereafter, on the CIF value of items in Part-4, Proforma F will be frozen and any increase in customs duty on account of increase in value on these will be to the contractor's account. Furthermore, in case the above CIF value is not acceptable to assessing customs officer and as a result any excess customs duty becomes payable, it shall be to contractors account. Before filing Bill of entry, the contractor must consult the company to avoid payment of excess customs duty.

12.3 Contractor shall, however, arrange clearance of such items from customs and port authorities in India and shall pay all requisite demurrages, if any, clearance fees/charges, port fees, clearing and forwarding agent fees/ charges, inland transport charges etc. Company shall provide all assistance by issuance of necessary letter of authority or other relevant documents and necessary help.

12.4 In the event the contract is awarded to any indigenous bidder and there is no involvement of import of any item, payment of customs duty or exemption from payment of duty on the basis of EC issued by DGH, OIL reserves the right to utilize services of the drilling rig in any other non-NELP Block in the state of Rajasthan.

13.0 CONFIDENTIALLY: Contractor agrees to be bound by professional secrecy and undertake to keep confidential any information obtained during the conduct of drilling operations, including, but not limited to, formations penetrated, results of coring, testing and surveying of the well. And to take all-reasonable steps to ensure the contractor's personnel likewise keep such information confidential.

13.1 This obligation shall keep in force even after the termination date and until such information will be disclosed by company.

13.2 Contractor shall handover to company all company's documents or drafts concerning operations carried out and which are still in its possession before transferring the Drilling Unit to another sphere.

13.3 Contractor shall forbid access to the Drilling Unit to any people not involved in the drilling operations or not authorized by the company to have access to the drilling Unit, however, this provision is not applicable to any Government and/or police representative on duty.

14.0 RIGHTS AND PRIVILEGES OF COMPANY: Company shall be entitled –

14.1 To check the Drilling Unit and Contractor's items before the commencement Date. If they are not found in good order or do not meet specifications as per Section II or in case of non-availability of some of the Contractor's items listed

therein, the contractor may not be allowed for commencement until the contractor has remedied such default.

14.2 To change the drilling programme, mud programme, well depths to complete or abandon any well at any time.

14.3 To approve the choice of sub-contractors for any essential third party contract, concerning materials, equipment, personnel and services to be rendered by contractor. Sub-contract may be entered into by contractor only after company's approval.

14.4 To check, at all times, contractor's stock level, to inspect contractor's equipment and request for renovation or replacement thereof, if found in unsatisfactory condition or not conforming to regulations or specifications.

14.5 To order suspension of operations while and whenever:
Contractor's personnel is deemed by company to be not satisfactory, or
Contractor's equipment does not conform to regulations or to the specifications laid down in the Contract.
Contractor's equipment turns into a danger to personnel on or around the rig or to the well, or
Contractor's insurance in connection with the operations hereunder is found by company not to conform to the requirements set forth in the contract.
Contractor fails to meet any of the provisions in the contract.
Any shortage in key/additional (compulsory) personnel and inadequacy of other personnel.

14.6 To reduce the rates reasonably, at which payments shall be made if the contractor is allowed to continue the operation despite having certain deficiency in meeting the requirements as per provision in the contract.

15.0 EMERGENCY

15.1 Without prejudice to clause 10.2.5 hereof company shall be entitled in emergency (the existence of which shall be determined by company) at its own discretion, to take over the operations of the rig, direct contractor's personnel in the event that company's interest will demand so. In such case, company will notify contractor of its action and within three (3) days confirm such notice in writing, setting forth the reasons for its action.

In such event, company shall pay contractor in accordance with the terms of the contract as if contractor was carrying out the operations.

All operations so conducted shall remain at the risk of contractor to the extent contractor is covered by insurance. When the well has been completed or when the conduct of the operations has been returned to the contractor, the equipment shall again be put at contractor's disposal in the same condition as at the time the operations were taken over by company, taking into account normal wear and tear and any inherent defects at the time of taking over by the company.

16.0 DURATION: The rates, terms and conditions shall continue until the completion or abandonment of the last well being drilled and completion of testing operation.

17.0 HEADINGS: The headings of the clauses of the contract are for convenience only and shall not be used to interpret the provisions hereof.

DEFICIENCY:
A. In the event of the contractor failure to strictly adhere in providing the minimum requirements of key personnel as set out in Part-3 , Section IV, Clause 7.6, K, the penalty shall be levied at the following rates.

FAILURE	**PENALTY per day**
a)Failure to provide Area Manager and Tool pusher /Tour Pusher	At the rate of 5% of the operating day rate for the period of non-availability of the Area Manager /Tour/Tool Pusher separately in each case.
b) Failure to provide other key personnel excepting these mentioned in 'a' above	At the rate of 3% of the operating day rate for the period of non-availability of each key personnel excepting those mentioned above.

NOTE:

- The above penalty rates are applicable for the first five days. In case more than one key personnel are not available at a time, penalties applicable for such personnel will be levied simultaneously.
- Beyond 5 days, the penalty will be levied at double the rates mentioned above for each day for non-availability of any key personnel.
- Contractor will be paid for zero rates if operation is suspended for non-availability of key personnel.

B. Failure to provide any associated services or break down of any related items/ equipments, Penalty will be levied at the rate of 5% of operating day rate per day for initial two (02) days. Beyond 2 days, the penalty rate will be double. (Prorate rates will be calculated for any part there of). Company at its discretion may suspend operation at any point of time for the no availability of any such services during the contractual period and zero rates will be applicable during the period.

19.0 INTER-LOCATION RIG MOVE STANDARD

19.1 Rig movement for a distance upto thirty (35) Kms will be ten (10) days. For more kilometerage, the time allowed shall be in proportions of one (1) day for each 35 KM or part thereof.

19.2 In case the shifting of camp site is necessary to another location, addition of 4 (four) days will be considered during inter-location movement period.

19.3 The time for inter-location movement suspended by force majeure, shall be extended by the period for which the Force majeure conditions last. No day rate will be payable for extended period due to force majeure conditions.

19.4 The ILM charge shall be discounted by 5% for each day's delay beyond the standard, as stipulated in 19.1 and 19.2, of total cost for inter-location movement rate payable for that particular rig movement, when the rig move is delayed beyond the standard.

20.0 PREVENTION OF FIRE AND BLOWOUTS

Contractor shall maintain all well control equipment in good condition at all times and shall take all possible steps to control and prevent the fire and blowouts to protect the hole. The Contractor shall be responsible for taking all preventive and corrective measures for initial control of kick, inflow, fire and blowouts. After initial control of well, Contractor shall inform the Company's Representative about the well condition and finally well shall be killed after mutual discussion with Company's representative.

Contractor shall test the BOPs by making pressure test at least once in every 7 days or such time as instructed by the Company Representative. However, the testing procedure and frequency must comply with the Mines Rule. Contractor shall record results of all such tests in the daily drilling report.

21.0 DISCIPLINE: The Contractor shall maintain strict discipline and good order among their respective employees and their respective Sub-contractors, if any, and shall abide by and conform to all rules and regulations promulgated by the Company and Contractor governing the operations at the assigned worksites. Should the Company feel with just cause that the conduct of any of the Contractor's personnel is detrimental to Company's interests, the Company shall notify Contractor in writing the reasons for requesting removal of such personnel. The Contractor shall remove and replace such employees at their expense within 7 days from the time of such instruction given by the Company.

22.0 WATER MANAGEMENT

i. Strict control has to be made in on the use of water. Wastage of water increases the effluent volume in the pit and may aggravate pollution problems.
ii. The valves, glands, hoses etc. are to be checked for any leakage and the same to be informed immediately to the concerned for rectification.
iii. Arrangements have to be made for pumping effluents into the nearest dry pit in case of emergency.

23.0 EFFLUENT PIT BUNDS

i. Regular checks are to be made to ensure that there is no leakage/ seepage/ overflow of effluents from the pit into the surrounding areas.
ii. The bunds/walls of the effluent pit are to be checked for any breaches during the operation and the same are to be repaired immediately if there are breaches.

24.0 COLLECTION OF USED/BURNT LUBE OIL: The used lube oils are to be collected separately in drums. Floating burnt oil, if any, in the effluent pit has to be lifted and collected into drums immediately.

25.0 GENERAL HSE POINTS

a. It will be solely the Contractor's responsibility to fulfill all the legal formalities with respect to the Health, Safety and Environmental aspects of the entire job (namely; the person employed by him, the equipment, the environment, etc.) under the jurisdiction of the district of that state where it is operating. . Ensure that all sub-contractors hired by him comply with the same requirement as the contractor himself and shall be liable for ensuring compliance all HSE laws by the sub or sub-sub contractors.

b. Every person deployed by the contractor in a mine must wear safety gadgets to be provided by the contractor. The Contractor shall provide proper Personnel Protective Equipment as per the hazard identified and risk assessed for the job and conforming to statutory requirement and company PPE schedule. Safety appliances like protective footwear, Safety Helmet and Full Body harness has to be DGMS approved. Necessary supportive document shall have to be submitted as proof. If the Contractor fails to provide the safety items as mentioned above to the working personnel, the Contractor may apply to the Company (OIL) for providing the same. OIL will provide the safety items, if available. But in turn, OIL will recover the actual cost of the items by deducting from Contractor's Bill. However, it will be the Contractor's sole responsibility to ensure that the persons engaged by him in the mines use the proper PPE while at work.
All the safety gears mentioned above are to be provided to the working personnel before commencement of the work.

c. The Contractor shall prepare written **Safe Operating Procedure** (SOP) for the work to be carried out, including an assessment of risk, wherever possible and safe methods to deal with it/them. The SOP should clearly state the risk arising to men, machineries & material from the mining operation / operations to be done by the contractor and how it is to be managed.

d. The contractor shall provide a copy of the **SOP** to the person designated by the mine owner who shall be supervising the contractor's work.

e. Keep an up to date **SOP** and provide a copy of changes to a person designated by the Mine Owner/Agent/Manager.

f. The Contractor has to ensure that all work is carried out in accordance with the Statute and SOP and for the purpose he may deploy adequate qualified and competent personnel for the purpose of carrying out the job in a safe manner. For work of a specified scope/nature, he should develop and provide to the mine owner a site-specific code of practice in line.

g. All persons deployed by the contractor for working in a mine must undergo Mines Vocational Training, initial medical examination, PME. They should be issued cards stating the name of the contractor and the work and its validity period, indicating status of MVT, IME & PME.

h. The contractor shall submit to DGMS returns indicating – Name of his firm, Registration number, Name and address of person heading the firm, Nature of work, type of deployment of work persons, Number of work persons deployed, how many work persons hold VT Certificate, how many work persons undergone IME and type of medical coverage given to the work persons
i. The return shall be submitted quarterly (by 10th of April, July, October & January) for contracts of more than one year. However, for contracts of less than one year, returns shall be submitted monthly.

j. It will be entirely the responsibility of the Contractor/his Supervisor/representative to ensure strict adherence to all HSE measures and statutory rules during operation in OIL's installations and safety of workers engaged by him. The crew members will not refuse to follow any instruction given

by company's Installation Manager / Safety Officer / Engineer / Official / Supervisor/Junior Engineer for safe operation.

k. Any compensation arising out of the job carried out by the Contractor whether related to pollution, Safety or Health will be paid by the contractor only.

l. Any compensation arising, due to the accident of the Contractor's personnel while carrying out the job, will be payable by the contractor.

m. The contractor shall have to report all incidents including near miss to Installation Manager / company representative.

n. The contractor has to keep a register of the persons employed by him/her. The contractor's supervisor shall take and maintain attendance of his men every day for the work, punctually.

o. If the company arranges any safety class / training for the working personnel at site (company employee, contractor worker, etc) the contractor will not have any objection to any such training.

p. The health check up of contractor's personnel is to be done by the contractor in authorized Health Centers as per OIL's requirement & proof of such test(s) is to be submitted to OIL. The frequency of periodic medical examinations should be every five years for the employees below 45 years of age and every three years for employees of 45 years of age and above.

q. To arrange daily tool box meeting and regular site safety meetings and maintain records.

r. Records of daily attendance, accident report etc. are to be maintained in Form B, E, J (as per Mines Rules 1955) by the contractor.

s. A contractor employee must, while at work, take reasonable care for the health and safety of people who are at the employee's place of work and who may be affected by the employee's act or omissions at work.

t. A contractor employee must, while at work, cooperate with his or her employer or other persons so far as is necessary to enable compliance with any requirement under the act or the regulations that is imposed in the interest of health, safety and welfare of the employee or any other person.

u. Contractor's arrangements for health and safety management shall be consistent with those for the mine owner.

v. In case Contractor is found non-compliant of HSE laws as required company will have the right for directing the contractor to take action to comply with the requirements, and for further non-compliance, the contractor will be penalized prevailing relevant Acts/Rules/Regulations.

w. When there is a significant risk to health, environment or safety of a person or place arising because of a non-compliance of HSE Measures Company will have the right to direct the contractor to cease work until the non-compliance is corrected.

x. The contractor should prevent the frequent change of his contractual employees as far as practicable.

y. The contractor should frame a mutually agreed bridging document between OIL & the contractor with roles and responsibilities clearly defined.

z. For any HSE matters not specified in the contract document, the contractor will abide the relevant and prevailing Acts/rules/regulations/ pertaining to Health, Safety and Environment.

25.0 HSE POLICY: The contractor shall forward HSE policy to the Company along with the bid. On award of contract, the contractor shall submit comprehensive HSE manual & procedure and HSE plan for approval of OIL.

26.0 EMERGENCY RESPONSE PLAN: The contractor shall maintain Rig Specific Emergency Response Plan (ERP) for onsite. The contractor shall also maintain risk register.

27.0 MOEF (Ministry of Environment & Forest) Guidelines:

Pre commissioning rig inspection, safety meeting tools box meetings, job safety analysis and audits shall be carried out to identify hidden/ potential hazards including risk register and ERP (Emergency Response Plan)

The successful bidder shall take necessary measures to reduce noise levels at source at the drill sites by providing mitigation measures such as proper acoustic enclosure to the DG sets and meet the norms notified by MOEF. Height of all stacks / vents shall be provided as per CPCB guidelines. Noise meter should be available with the rig package.

To prevent well blowouts, during drilling operations, Blow out Preventor (BOP) system shall be installed. Blow out Preventor measures during drilling shall be focus on maintaining well bore hydrostatic pressure by proper pre well planning and drilling fluid logging etc.

The emissions of RSPM, SPM, SOX, NOX, and HC & VOC from DG sets shall conform to the standard prescribed by SPCB. Regular monitoring of Ambient Air of HC and VOC shall be carried out as per CPCB guideline. Stack height attached to DG sets shall be in-conformance with the environment protection acts and rules.

The overall noise level in and around the plinth areas shall be kept well with in the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels shall conform to the standards prescribed under EPA rules, 1989.

Note:
Wherever details have not been spelt out, all HSE (Health, Safety & Environment) matters should be guided in accordance with the provisions of relevant clauses of Mines Act 1952, EP (Environment Protection) Act 1986, Oil Mines Regulation 1984 & OISD standards and their subsequent amendments.

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(END OF SECTION – II)

Part-3

SECTION-III

BID FORM AND SCHEDULE OF SERVICE/RATES

(A) BID FORM

Date :
Tender No. : CJG2557P14
To,
OIL INDIA LIMITED (RP)
2-A, District Shopping Centre
Saraswati Nagar, Basni
Jodhpur-342005, Rajasthan

Gentlemen,

Having examined the General and Special Conditions of the tender and the Scope of work/ terms of reference including all attachments thereto, the receipt of which is hereby duly acknowledged, we, the undersigned offer to perform the services in conformity with the said conditions of Contract and Terms of Reference for the sum of ---------- (Total Bid amount in words and figures) or such other sums as may be ascertained in accordance with the Schedule of Prices attached herewith and made part of this bid.

We undertake, if our bid is accepted, to commence the work within ---------- months /days calculated from the date of issuance of Letter of Award (LOA) from the Company.

If our bid is accepted, we will obtain the guarantee of a Bank for a sum not exceeding
---------- for the due performance of the Contract.

We agree to abide by the bid for a period of 180 days from the date fixed for bid opening and it shall remain binding upon us and may be accepted at any time before the expiry of that period.

Until a formal contract is prepared and executed, this bid, together with your written acceptance thereof in your notification of award shall constitute a binding contract between us.

We understand that you are not bound to accept lowest or any bid you may receive.

Dated this _____ day of _____ 2014.

(SIGNATURE)

_____

(In the capacity of)

Bidder's Name : _____
Bidder's address: _____
_____

B) DESCRIPTION OF RATES/CHARGES:

Bidders shall quote the following charges in their commercial bids (price bid) strictly as per the Price Bid Format provided vide Proforma – II in Section – I, Part-2 which are elaborated hereunder in details. The Foreign Exchange (FE) and Non-convertible Indian Rupees (INR) as applicable should be quoted separately.

1.0 MOBILIZATION CHARGES (ONE TIME LUMP SUM CHARGES) (M)

In case the rig package is contemplated to be mobilized partly or fully from outside India then the break up of the mobilization charges to 1st location must be furnished separately.

NOTE:

Mobilization charges should include mobilization of equipment and manpower for 1 (one) mobile drilling rig.

Mobilization charges should cover local and foreign costs to be incurred by the Contractors to mobilize to the first drilling location.

The first location will be in and around Rajasthan State.

Mobilization charges "M" should not exceed 15% of TCRO (i.e. the total Estimated charges of rig operation for six months).

2.0 DEMOBILIZATION CHARGES (LUMP SUM) (D)

Demobilization charges "D" should not exceed 13% of TCRO (i.e. the total Estimated charges of rig operation for six months).

For the entire rig package from the last drilling location.

NOTE: Demobilization charges "D" should include demobilization of all equipment and manpower attached the drilling rig for the last location.

3.0 OPERATING DAY RATE (Per 24 Hrs. day) (ODR)

3.1 The Operating Day rate will become payable from the time the well is spudded (after drilling rat & mouse hole and setting of scabbard and mouse hole pipe) during the following operations until the rig is released for the move to the next location:

- Drilling.
- Coring.
- Tripping with Contractor's drill pipes.
- Circulating drilling fluid.
- Fishing.
- Reaming, conditioning hole, hole opening.
- Making up and breaking down of drill pipes, collars, tubings and other tubular.
- Drilling out cement, collar and shoe.
- Hermetical test with drill pipe in hole.
- Leak-off test.
- Pressure test of casing with drill pipe in hole.
- Repair of casing leakage.
- Production tests with Contractor's drill pipe.
- Any other operations with use of Contractor's drill pipes.

- Casing running in and cementation.
- Mixing or conditioning of mud with Contractor's drill pipe in the hole.
- Swabbing operations.
- Retrieving of casings.
- Cement cleaning/ Bridge plug milling.
- Running in of Liner Hanger
- Any other operation as require for well completion.

4.0 STAND BY DAY RATE (Per 24 Hrs. day): (Not more than 70% of ODR) (SDR)

- Waiting on cement (WOC)
- BOP nipple Up and Down and its testing (function and pressure) on casing after every 7 days and 21 days (pressure test).
- Wellhead test.
- Rectification of wellhead leak.
- Hermetical testing without drill pipe in hole.
- Pressure testing of casing without drill pipe in hole.
- Assembling and dis-assembling of BOP and well head hook-up.
- Casing line slipping or cutting.
- Well logging and wire line operations (both open and cased hole)
- Mud loss control induced by poor workmanship of the Contractor personnel.
- Perforation of well
- Production testing with Company's drill pipe or tubing
- Installation of X-mass tree and wellhead fittings.
- Waiting on order by Company.
- Waiting on Company's equipment, materials and services.
- For all time during which the Company at its option may suspend operations.
- Waiting for day light for certain production testing operation.
- Well under observation during production testing.

5.0 REPAIR DAY RATE (Per 24 Hrs. day): (Not more than 60% of ODR) (RDR)

The Repair Day rate shall be payable when operations are suspended due to break-down or repair of contractor's equipment.

The Contractor shall be paid repair day rate to a maximum of 30 cumulative hours per calendar month. Beyond the aforesaid 30 hours, no day rate will be payable until operations are resumed, at which time the applicable rate shall again come into force.

This clause shall, however, not be applicable for routine inspections/ lubrications and replacements, e.g. changing swivel packing, slipping or cutting of drill line, changing pump valve assemblies, packing, etc.

6.0 STACK DAY RATE (With skeleton crew) (STR)

The stacking Day rate (with minimum personnel for security purpose only) shall be payable if forward drilling plan/programme is revised for no availability of land in time or study/review of geological prospect etc. that may interrupt in between for a longer period of time resulting temporary suspension of drilling operation.

(During the period, the complete rig package will be idle and bidder may carryout necessary maintenance job as per their requirement.)

The Stack Day Rate shall be payable when the Drilling Unit and other Contractor's Equipment is stacked as set out below:

i) If Company notifies the Contractor that the Drilling Unit is to be stacked at its current location, the Standby Day Rate shall apply for the first 5(five) days from the time of such notification and stack Day Rate shall apply thereafter. Stack Day rate shall apply until such time as the Drilling Unit is ready to recommence Drilling Operations after the notification from Company to commence the operations.

ii) If Company notifies the Contractor to stack the Drilling Unit at a different location, the Stack Day rate shall apply from the time that the Drilling Unit arrives at the stacking site. Inter location move rate shall apply during the period that the Drilling Unit is being moved to/from the stacking site.

7.0 INTER LOCATION MOVE RATE

The ILM rate shall be applicable in two parts depending on the distance between the locations, as mentioned below:

a) Fixed Charge, FC- (Lump-sum) per rig move upto 35 KM	**(ILM1)**
a) Fixed Charge, FC- (Lump-sum) per rig move up to 35 km PLUS(+) b) Kilometer Charge in excess of 35 km	(**ILM2)**

Note : In case the distance for ILM between two locations exceeds 35 KM, then lump sum fixed charges as per "a" above for initial 35 KM will be payable and ILM charges for the remaining distance in excess of 35 KM will be calculated/ paid at the rate per KM as per "c" above.

Inter location movement (ILM) operation will start from the moment the company releases the drilling unit for rig down at the existing location and the complete Rig package with all materials are transferred to the new forward location, the subsequent rig up is completed and the new well is spud-in. Before spud-in, the Contractor shall complete all jobs, including, but not limited to, rig up of service lines, block, hook etc, drilling and setting scabbards of mouse & rat hole, compliance/ rectification to meet safety norms and any other job normally done prior to spud-in. The inter-location movement of Rig package should be completed within the period as specified under special terms and conditions.

The Inter location movement operation will include the clearing of the drilling location off all materials, rig parts and made free from all pollutants.

No day rate under para 3.0, 4.0, 5.0 & 6.0 hereof will be payable when inter location move rate is applicable.

8.0 FORCE MAJEURE DAY RATE (Per 24 Hrs. day): (FMR)
(Not more than 50% of ODR)

The Force Majeure Day Rate shall be payable during the first 15 days period of force majeure. No payment shall accrue to the Contractor beyond the first 15 days period unless mutually agreed upon.

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PROFORMA-II

(As per Part-2, Section-I)

PRICE BID FORMAT

Tender No.: **CJG2557P14**

SL. No.	**Description of Item**	Unit	Qnty	UNIT RATE		TOTAL AMOUNT	
				(Pls specify Currency)			
				FE	INR	FE	INR
A. OPERATING CHARGES :							
1	Mobilisation charge (**M)**	Lump-sum	01				
2	Demobilisation charge **(D)**	Lump-sum	01				
3	Operating rate per 24 hours **(ODR)**	Day rate	120				
4	Standby rate per 24 hours **(SDR**)	Day rate	18				
5	Repair rate per 24 hours **(RDR**)	Day rate	01				
6	Force Majeure rate per 24 hours **(FMR)**	Day rate	01				
7	Total Stack Day Rate(with skeleton crew)	Day Rate	30				
8	Inter-location move charge move upto 35 Km **(ILM1)**	Lump-sum	3				
9	Inter-location move charge (Kilometerage Charges in excess of 35 Km) **(ILM2)**	KM	300				
B.	**FOOD/ACCOMODATION CHARGES : (IN EXCESS OF 20 OIL'S PERSONNEL)**						
10	Bed Tea/Coffee with Biscuit	NO	150				
11	Break fast	NO.	150				
12	Lunch	NO.	150				
13	Evening tea with snacks	NO.	150				
14	Dinner	NO.	150				
15	Accommodations-Executives	NO.	100				
16	Accommodations-Non-Executives	NO.	100				
Total Contract Price inclusive of all applicable taxes and duties etc. but excluding service tax. _____							

NOTE: 1. The above quantities are considered for evaluation purpose only.
2. Payment will be made as per actual.

Contractor should note that all charges against which the units rates have been asked, shall be payable at actual. The quantities indicated above are only for evaluation of bids/estimation of total contract value. No charges other than indicated above are payable.

Authorised Person's Signature: _____

Name: _____

Seal of the Bidder:

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(END OF SECTION – III)

Part- 3

SECTION – IV

SCOPE OF WORK/ TERMS OF REFERENCE

1.0 INTRODUCTION:

1.1 This section establishes the scope and schedule for the work to be performed by the Contractor and describes the specifications, instructions, standards and other documents including the specifications for any materials, tools or equipment, which the Contractor shall satisfy or adhere to in the performance of the work.

2.0 DEFINITION OF WORK:

2.1 To drill onshore wells through charter hire of one (1) No. mobile Drilling rig with associated equipment /tools & services for an initial period of 06 months with provision for extension by 06 more months (max or part thereof) at the same rates, terms and conditions. The wells will be vertical/deviated holes with formation pressure to be near or above hydrostatic. Well depths are expected to be in the range of 1100 – 2100 meters. Depth of the wells may somewhat increase or decrease at the discretion of the Company within the rated capacity of the Rig.

3.0 AREA OF OPERATION

3.1 The area of the operation as planned is in the part of **Thar Desert of Rajasthan** (India). The Rig has to be moved and operated in any area of Company's operation with in the State of Rajasthan.

3.2 The following information are for general guidelines to the bidders. Company is not responsible for any deviation of figures being spelt out or met with for reason beyond their control.

Minimum width of the well site approach road	= 3.66 m.
Turning Radius	= 12m (Generally)
Maximum allowable unit load inclusive of fare weight for class AA loading	= 50 tons
Minimum overhead clearance	= 4.25 m
Highest recorded wind velocity in Rajasthan	= 128 km/hour (80 MPH)
Max. recorded ambient temp	= 54 deg. Celsius
Min. recorded ambient temp.	= (-5) deg. Celsius
Weather Pattern	= Occasional rains during June/July/August and almost NIL during the remaining period.

Frequency of sand storm	= Frequent from March to September and occasional during the remaining period.
Presence of sand dunes	= Common occurrence in certain areas.
Nature of top soil	= Usually wind blown sand.
Source of potable/Drilling water	=As the responsibility under this bid is that of the bidder, bidders are therefore to assess the availability of water themselves before bidding. They may have to sink tube well and operate the same.
Average annual rainfall	= 2.5 cm (1")
Humidity	= Max. 40%
Nearest City	= Jaisalmer/Bikaner
Nearest Airport	= Jodhpur
Allowable axle load rating of weakest section of road	= 12 Tons

4.0 SCOPE OF SERVICE:

4.1 The Contractor shall provide the services of 1 (One) no. Mobile self - propelled Diesel Electric Drilling Rig-Package in the range of Draw works input power 750 HP (minimum) to 1000 HP (maximum) including a suitable Effluent Treatment Plant (ETP) and Mud Engineering Services excluding chemicals but inclusive of a standard mud testing laboratory along with all necessary equipment and personnel as listed and carryout drilling operations (oil and gas wells) including but not limited to coring, round tripping, lowering & setting of casings, completion, abandonment, production testing including swabbing as and when required and all other associated operations including rig-up, rig-down, inter-location movement etc. in accordance with the well drilling and completion program to be furnished by the Company before commencement of the operation, which may be amended from time to time by reasonable modification as deemed fit by the Company. Apart from this, the Contractor shall also provide spares for the entire Rig-Package, tools and equipment, drilling engineering services required for vertical and deviation drilling operations, fuel (HSD), lubricant, water, for running the operations and shall carry out drilling with tools & expert supplied by the Contractor. The Contractor shall keep adequate stock of spares at all time for uninterrupted progress of work and make available all items listed in this document ready for use.

4.2 Bit program, mud program, casing policy, cementing program and well testing program will be decided by OIL.

5.0 PRESENCE OF CO_2 & H_2 S: Presence of CO_2 is expected in the wells. The wells are expected to be H_2S free. Accordingly, the equipment/tools etc. to be offered by the Contractor shall be for generally H_2 S free environment.

6.0 TECHNICAL SPECIFICATION OF RIG PACKAGE:

6.1 The Contractor shall mobilize all necessary equipment and tools for successful and economic completion of the jobs mentioned. The contract includes supply of one Mobile Drilling Rig Package including haulage and transportation equipment and its services. Draw works input HP rating of the rig offered is **750 (minimum) to 1000 (MAXIMUM**), Diesel Electrical Rig having compatible telescoping mast and sub-structure (as per API Standard) and capable of drilling oil/gas wells.

6.2 The Drilling Rig should be rated for minimum nominal drilling depth range of 2500 m with 5" or 4.1/2" OD DP and the available horse power out put of the rig engine package should be capable of running 750 HP (min) Draw-Works and 1000 HP (minimum) mud pumps simultaneously.

6.3 The rig should be operated with complete package including mud system, fuel system, air system and water system etc.

6.4 The drilling unit offered should not be older than 5 years

7.0 SPECIFICATIONS OF DRILLING RIG

7.1 GROUP - 1

SELF PROPOLLED CARRIER: BRIEF DIMENSION but not limited to-

Overall width	: Not more than 3.2 meters
Overall Height	: Not more than4.96 meters
Length-Carrier	: 16.9 meters
	: Overall – 22.8 meters
Rear Overhang	: 29% of wheelbase
Ground clearance	: 35.00 cm.

The carrier should be compatible as per API/International standard with all its component like Engine (Two suitable Caterpillar make or equivalent engines) & Transmission (Allison CLT-6061 or equivalent torque converter), Drive and Axles, Suspension, Load distribution, Steering and Turning Radius, Wheels and Rims, Brakes, Emergency/Parking Brakes with suitable Electrical and Pneumatic system. The driver's cabin should be robust built, comfortable and complete with all fittings/accessories including safety gears/items. The carrier should be capable to move with mast approx. 40 Km/hr in Highway. The exhaust position should be well-covered with safety and statutory norms. Over and above carrier should accommodate a Twin drum Draw Works of 750 HP input rating (minimum).

Bidder should furnish the details specification of the carrier for proper evaluation.

A) MAST AND SUBSTRUCTURE (WITH API 4F MONOGRAM): One (01) no. Two-section Telescoping Mast (as per API spec. 4F latest edition), with hydraulic mast tilting & extending systems and automatic locking device to lock the mast into its fully extended operating position. The mast and substructure with clear height of approximately 125 ft. Rated static hook load capacity of 4,04494 lbs (approx) as per API 4F specifications. Mast should be designed for minimum 80 mph wind load with a full rack of pipe. Sub-structure assembly, telescoping type (preferably hydraulic) to have a clearance of API approved minimum 14 ft. from

ground level to underneath of rotary table beam to accommodate 5000 PSI BOP stack with provisions for mounting 27.1/2" rotary table & drive unit (200 Ton rotary capacity minimum) as per API spec. 7F.

Note:
Mast should have Crown Block as per API with minimum load capacity 180 Ton.
Mast should have unobstructed line of vision to the crown block from driller's console.

Time taken on raising and lowering system of mast /substructure and job involvement in dismantling, transportation and assembling of the mast/substructure components should be minimum.

The mast shall have a racking capacity of not less than 2500 m. of 5" OD x 19.5 ppf or 4.1/2" OD x 16.6 ppf (grade-G), range – 2 drill pipe in doubles including BHA (Bottom Hole Assembly)

The mast shall be complete with racking board, winch/cat line, out cat line, sandline sheave units, air hoist sheave units, sheave units for rig tongs (2) power tong / pipe spinner, tong counter weights, guides etc.

The Racking board (doubles board) shall be adjustable type and complete with necessary Emergency Escape Device (EED) from racking board to ground for top/derrick men.

The mast shall be complete with necessary & compatible stand pipes, clamp/supports.

Adjustable casing stabbing board for running in range I & II tubulars shall be provided.

Safety climb equipment/ Free Fall Arrestor (FFA) for climbing up the mast ladder upto crown block shall be provided.

The Sub-structure shall be complete with tong back-up posts for rig tongs, BOP trolleys, two stairways, Vee door/loading ramp, catwalk etc.

The Sub-structure shall be complete with dog house support frame.

The flight stairways at driller's side and off-driller's side shall be provided.

Dog house-cum-change house shall be provided by Contractor.

Mast and substructure shall be complete in all respects to start operation without any hold up.

The Mast shall be complete with Crown Block having adequate no. of sheaves.

The mast & sub-structure should be complete with combination ramp & stairs (loading ramp) rack for casing and other tubular.

The mast & sub-structure shall be complete with cable racks suitable for fast rig up/rig down and safe operation.

The derrick floor shall be complete in all respect and provided with suitable toe boards and safety railings.

The mast shall be painted strictly as per Aviation /Indian Air Force Standards on deployment and later on whenever necessary. The same shall be specified in the contract. The mast shall be fitted with safe flasher type aviation warning light 1 No. at the crown, 4 nos. (at four corners) on the racking board of high luminous intensity (white light flasher). These lights shall be operational at all times from the moment the mast is raised and until the mast is finally lowered irrespective of well operation. Every alternate mast section to be painted with red and white paint. The paint may be enamel paint or equivalent. The paint should be freshly made and should be noticeable. Painting may be repeated if required.

B) DRAW-WORKS: (According to API Spec. 7K)

Input horsepower rating in the range of 750 HP (minimum) for nominal drilling depth of around 2500M with 5" or 4.1/2" inch OD drill pipes.

Compatible **Twin drum draw-works** having main drum lebus grooved for 1.1/4" casing (drilling) lines and sand drum to accommodate minimum 3000 m of 1/2" or 9/16" sand line.

OR,

Single main draw works drum as above with separate winch for wire line operation compatible for swabbing etc. with minimum 1/2" line.

Main drum brake should have maximum wrap - around feature, complete with circulating type brake cooling system, energizing type brake band with maximum lining contact. The brake band should be uniform by flexible all round with integral water jacket brake drum and with built in water passage from driller's end to rotary end or should have compatible disc brake system.

HYDROMATIC BRAKE: Water-cooled Hydromatic brake, driven by a twin-disc clutch with independent oil bath chain case to serve as assist brake, with suitable capacity water tank, valves and piping installed on the Carrier. Disc brake [shaft mounted] in lieu of hydromatic shall also be acceptable.

Reputed make of hydraulically/pneumatically operated/actuated make-up and break-out catheads. The cathead should match the rated HP of draw-works.

Draw-works to have forward speeds and reverse speed for hoisting and rotary drive respectively. The draw works shall be provided with pneumatically operated rotary counter shaft assembly.

TWIN STOP DEVICE (CROWN & FLOOR SAVER): One (1) pneumatically activated Twin-Stop Device. Crown Saver to prevent collision between traveling block assembly and the crown block assembly. Floor Saver to prevent collision between the traveling block assembly and the drill / derrick floor.

Draw-Works to have pneumatically actuated full circular balloon type or multiple plate friction clutches as available in draw-works of National Oilwell or Ideco make (Compatible ATD or equivalent).

Neutral brake or Inertia brake to stop rotation of the draw-works and rotary clutch in emergent situation.

DRILLER'S CONSOLE: Driller's console, adjustable height, located at the rear of the Carrier incorporating all functions to carry out rig operations smoothly. Additionally, following minimum instruments should be mounted in suitable enclosure at Driller's console arranged in such a manner to give clear view of each & every gauge to Driller while operating the draw-works.

- Weight Indicator, Martin Decker or equivalent make with suitable sensor compatible for the offered Rig.
- Mud line pressure gauges, 0-6,000 psi range. The mud pressure gauge system should have one (1) gauge for standpipe and one (1) for D'CON.
- Suitable recorder for recording rotary torque, hook load.
- SPM indicator for mud pump at driller's console.
- RPM meter for measuring rotary table speed.
- Suitable meter for recording tong line pull.
- Gauge for measuring ROP (Rate of penetration)

Note: Rig instrumentation should be suitable for Hazardous area as per OMR-1984

Draw-work shall be complete for safe operation with the following (but not limited to):

- Rotary counter shaft assembly with matching clutch and inertia brake.
- Tong line guards
- Two wire line turn back rollers.
- Suitable in-built lubricating system & provision for manual lubricating point (wherever applicable)
- Spinning device for different sizes of tubular with adequate no. of spares.
- Sand reel assembly with capacity of minimum 3000 M of 1/2" or 9/16" size diameter with pneumatic clutch & full wrap friction brake assembly.
- Electrical driller's console panel should suitability located in order to provide driller to operate the rig in ease.
- The draw-work should be compatible with the carrier, mast & sub-structure as indicated above.
- All accessories for draw works should conform to API specification, wherever applicable.

- Entire rig package must have compliance with all statutory requirements/ safety regulations as per OISD, DGMS, OMR-84 and IADC standards.

C) RIG ENGINE: 2 Nos. diesel engines capable of transmitting power through torquematic and compound transmission system a minimum of net horsepower of 750 HP **on continuous duty** in total to Draw Works. While calculating HP of the engine (s), the entire load for accessories drive and transmission & other losses shall be taken into account. Both the engines together or either of the two engines should be capable of transmitting power either to Draw Works depending on load requirement or for road drive.

Note: Statutory requirement for SAFETY:
All the rotating parts, belts etc. should be well guarded.

Engine(s) should be equipped with "Emergency Kill" devices by shutting-off air supply. This device should be operative from the Driller's Console.
Engine(s) should have two systems for self starting: (a) Electrical starting system during rig movement period and (b) Air starting system during operation period inside the well plinth.

D) ROTARY TABLE AND ACCESSORIES: Rotary table as per API Spec. 7k with 27.1/2" opening and dead load capacity of not less than 200 tons, complete with the following minimum accessories that shall be provided by the Contractor. The rotary table drive system should be indicated properly.

Compatible Kelly bushing complete with roller assembly for 5.1/4" hexagonal and 3.1/2" / 3" square Kelly (minimum1 no. each).

Master bushing (1 no. each of solid and split type) to suit the Rotary table.

Suitable API insert bowls No. 1, 2 & 3 whichever is applicable for under noted casing sizes.

Complete bushing arrangement for handling 13.3/8"casing , 9.5/8" casing, 7" casing, 5.1/2" casing, 5" or 4.1/2" OD drill pipe, 2.7/8", 3.1/2" OD tubing & drill pipes and all other tubular in the offered rotary table.

Bit breakers & adapter plates to suit above master busing / rotary table.

All sizes of lifter and handling tools for bushing & inserts.

E) ROTARY SWIVEL (as per API Spec. 8A/8C): Rotary swivel should have the undernoted specification but not limited to the following.

1. Working pressure (minimum) - 5000 psi
2. API Dead load rating (minimum) - 225 Tons
3. Compatible gooseneck connection/fittings as per API for the offered rotary hoses.
4. Necessary cross over/sub for Kelly etc.

F) TRAVELING BLOCK & HOOK (as per API Spec. 8A/8C): The specification should include but not limited to the following:

Min. API working load rating = 180 Tons.
Traveling block and hook may be independent or unitized.
Hook should be compatible with the swivel & other hoisting equipment.
Hook should have built-in hydraulic snubber, convenient rotation lock, safety positioner etc.

G) SLUSH PUMPS:

1. Two (2) nos. of triplex single acting /duplex double acting, slush pumps with input HP rating of not less than 1000 HP driven by DC motors of matching HP rating. Pump should be suitable for continuous heavy-duty application. The DC motor control should have all protective, interlocking and controlling features to enable smooth drilling operation.
2. Maximum requirement of working pressure is 5000 PSI. Maximum pump discharge should be 650 GPM with 7" liner.

3. Pumps should be equipped with easily changeable piston and liner assy. (from 5" to 7" in increment of 1/2") to meet varied requirement of drilling operation. Adequate numbers of various sizes of new and unused liners to meet operational requirement must be available during entire contractual period. The Bidder has to specify the same in the bid with pump discharge details etc.
4. Apart from standard accessories, each pump shall be equipped with 5000 PSI WP delivery pulsation dampener, charging hose assy., reset relief valve, bleed lines & valves, inline suction stabilizer, jib crane with trolley, pull lift chain hoist, strainer cross etc.
5. Two (2) nos. of compatible DC motor should be provided.
6. Drive mechanism must be specified by the Bidder (Belt drive preferable).
7. 2 Nos. AC motor driven centrifugal supercharging pump (to handle mud upto 16 ppg) with appropriate independent suction and delivery manifold.
8. **Parallel pumping**: In certain cases both of the slush pumps shall be used in tandem. All arrangements should be made available for this purpose.
9. Nature of pumping job should include, but not limited to, pumping of drilling fluids, completion fluids, water – both treated and plain. In the event that requirement arises to pump acid, OIL shall arrange for a suitable reciprocating pump. Contractor should provide necessary suction, delivery lines and line fittings. Installation of the pump and hooking up of lines should be done by Contractor.

10. Independent electrical control panel for operating both the pump should be provided
in convenient position locally.

H) SUCTION AND DELIVERY SYSTEM

- Suction hose should interconnect between No. 1 & No. 2 pump & suction lines shall have butterfly valves in between.
- Suitable length 4" NB x 5000 psi WP vibrator hose in pump delivery line.
- Cameron or equivalent 5000 psi WP dual stand pipe manifold complete with gate valves, pressure gauge of 5000 psi rating and other standard fittings.
- 4" NB x 5000 psi WP dual stand pipe of suitable length with ' H ' manifold to match the operating conditions with range 2 drill pipes complete with gooseneck, hammer union or unibolt couplings for making up rotary hose with safety clamp attached.
- 3.1/2" ID x 55/60 ft long x 5000 psi WP, rotary drilling hoses with suitable connection to make up on to the standpipe and rotary swivel. The length of rotary hose should suit the Rig for drilling operations.

- Rig pump delivery manifold shall be connected to the vibrator hoses through rigidly supported strainer cross.

- There shall be 5000 Psi working pressure gate valve on each mud delivery manifold.

- From each pump delivery manifold, suitable bleed line with flex seal valve should be provided.

- Pump delivery manifold shall have arrangements for hole fill-up line and kill line connections of suitable sizes with flex seal Gate valves.

- The 5000 Psi pulsation dampeners on each pump shall be complete with charging hose assembly and the required extra gas for charging.

- Required length of intermediate 5000 psi WP delivery pipes complete with bend, `T's and valves to connect the pumps (2 Nos.) independently to the stand pipes
- Necessary anchoring arrangement of all high-pressure delivery lines to be provided.

- Supercharger - Two electrical motors driven centrifugal pump sets mounted on skid with necessary piping suitable for the mud pumps.

- The entire surface set up connection/fittings should be compatible with the rig package (as per API).

I) POWER PACKS/ RIG ALTERNATORS: Diesel electric AC/SCR system complete with the following:
1. Engines – Two (02) nos. (Minimum), Turbocharged, after-cooled, air-start, diesel- driven oilfield engines of suitable HP rating (Preferably Cat 3512B-DITA). Each power pack should be complete with matching AC generator for 50/60 cycles operation. Power Packs of the following specifications shall be required to provide required power to mud pumps, supercharger pumps, mud agitator pumps, solid control equipment, rig auxiliaries etc. Total capacity of power packs offered by Bidder should be commensurate with the total power to be consumed during full drilling operations with all auxiliary systems including power requirement for well site bunk houses/ office set up.
The alternator and the complete power pack should be:

- Able to generate continuous power to meet rig requirements.
- Suitable for thyristor based DC Drive, control of DC/AC motors and total rig environment (ruggedness).
- Easily serviceable both at site and at workshop
- Shall be able to withstand the shock and vibration associated with the frequent relocation of drill rigs, as also to withstand severe environmental conditions including heat and high humidity.
- Alternators should be manufactured to international standards and should meet or exceed BIS, NEMA, IEEE, ANSI and IEC requirements. Bidder to confirm standards followed in design and construction.
- In addition to rig power packs, smaller standby gen-sets of suitable capacity shall be provided for various electrical applications when the rig power packs are not required or in addition to the main power packs.

AC/DC Electric Motors – Adequate numbers of AC/DC motors with adequate continuous HP rating and for operation of slush pump, mud system motors at their respective rated capacity. The motors shall be complete with suitable blowers.

SCR System – Bidder to offer detailed technical specifications along with the bid.

Rig package shall be complete with one/two electrical power control room, `SCR' cubicles, DC power control room, AC power control room to match the auxiliary

loads of mud system, water system, fuel system and air system mentioned in this section.

The above power pack shall conform to the following :

The electrical control system shall be field-proven and established in land drilling rigs of similar capacity.
All outdoor equipment such as AC motor, safety junction boxes, plug sockets, luminaries etc. shall be weatherproof with IP 55 protection as per India standards.
Control system shall be such that loss of one power pack control or one drilling motor/ drive will not affect the other power packs/drives. For this, sufficient flexibility in selecting power packs/ drives shall be available in the control system.
Power pack and SCR house to be placed outside hazardous area, i.e. at a distance of 30 m. from the well center.

Note: Separate DG sets may be provided for Mud Logging unit, offices and stores at site.

J) Air conditioning: The PCRs will be air conditioned and humidity controlled. The AC system should have adequate redundancy, i.e., a part of the total installed capacity should be standby at all times.
The air conditioning for the PCR (s) shall be properly sized and air conditioning units located to take into account the heat generated by internal equipment in full load conditions in high ambient locations.

All components shall be suitable for desert area operation with following ambient conditions:

Temperature:		Max. 55 deg.C & Min. (-) 5 deg.C
Humidity	:	Max. 40%
Altitude	:	100 to 300 M above MSL

All DC motors shall have blowers with suitable ducting & filter System.

Suitable derating factor shall be taken into account while choosing electrical/electronic components for high ambient temperature condition.

Engine cooling system shall be designed to withstand above temperature condition and the radiators shall be suitable for ambient temperature.

Adequate air cleaning system and filters shall be provided on all engines to protect these from dust.
Electrical system shall be provided with all necessary and suitable cables, cable trays to the derrick floor.

Explosion proof and vapor types fluorescent and mercury vapor lighting system shall be used for lighting the mast and substructure.

Lighting fixture shall match API specification and the Mines Act, 1952 and its subsequent amendments and Oil Mines Regulation, 1984.

The lighting system shall include but not limited to the following i.e. lighting the mast and substructure, rig floor, power packs, power control room, plinth area, mud pumps, generators shades mud system, water system, fuel system, air

system, BOP control unit, dog house, mud storage house, well site offices, chemical storage & lab, electrical/drilling/mechanical store areas, camp etc.

Fixing arrangements of outdoor luminaries shall be such that this can be installed and dismantled quickly and easily for transportation during the inter-location moves.

A flameproof Intercom system shall be provided between doghouse, SCR room, mud pump, mud attendant's cabin, geologist's cabin, company representative's office and radio room.

Power pack and electrical controls of the Rig shall be complete in all respect to carry out drilling operations to the objective depth. The system shall meet the detailed technical specifications of rig electric system furnished in this document.

K) Mud Pumps / Slush Pumps:

Pumps shall be suitable for operation in both single and double motor mode (in case two motors are used).
Each mud pump shall be powered by 2 nos. of explosion-proof electrical AC variable frequency or DC series/ shunt wound drilling motor (s), to meet the pump load requirement.
The MP motors shall have mounted blower units driven by AC electric motors with sufficient capacity for pressurization of the enclosures of the motors.

(L) Driller's control console, Mud Pump Control Console
Driller's console or D'CON and mud pump control console or MP'CON shall be integral parts of the rig control system. It should consist of the following minimum controls and display functions.

It should enable the Driller to monitor and control the mud pump during drilling operation.
Control switches to control power packs, main drive motors, indicators and meters.
Control should be available both at drill floor and locally near mud pump.

Necessary provision for supplying electrical power/support etc. to other utility units shall be provided by the Contractor whenever required.

Suitably sized cables both for power & control shall be used for connection of alternators of Power Packs, Mud Pump motors, AC auxiliary motors, lighting fixtures, D'CON & MP'CON and other systems as per requirement. Cable sizing should be done taking into account full capacity of the connected load, ambient conditions etc.
Cables shall be screened/armoured and sheathed for protection against mechanical injury

M) SAFETY DEVICES:

(a) Fall Protection Device : An anti-fall coupled with safety harness/ belt shall be provided for personnel working on mast while exposed to a fall of 3 meters or greater or climbing unprotected vertical ladder with same exposure.

(b) Top man's Escape Line & Device : For evacuation of Top Man from racking platform level in case of emergency. Escape device should have a seat and a spring actuated cam brake.

(c) Portable Gas Detectors : A portable DGMS approved gas detector capable of determining/ monitoring level of combustible gases in air should be made available at site.

Note: All safety equipment are to be in prime working condition.

General Statutory requirements for **SAFETY NORMS**:

a. All the moving / rotating parts like belts, couplings, drive lines etc., of the equipment should be well guarded and painted with red color.
b. **SRV** of the pumps and air reservoir tanks should be tested regularly and records of such testing should be kept available all the times.
c. Proper color codes as per safety norms should be applied on the high-pressure lines, gas lines and water lines.
d. Anchoring and grouting of the delivery & bleed lines of the pumps should be done at least 48 hours before putting the pumps in operation.

Note: Any other item/ assembly not incorporated above and needed for meeting the Scope of Work in the tender document should be provided by the Contractor.

7.2 GROUP - II

(A) BOP STACK AND WELL CONTROL EQUIPMENT (As per applicable API specifications) : All items including but not limited to those mentioned below shall be supplied by the Contractor.

(B) BOP STACKS / SPOOLS/DIVERTER ASSY.

13.5/8" x 5000 psi Annular BOP, 1 No. with bottom flange of 13.5/8 x 5 M working pressure (**Cameron/Shaffer/Hydril make only**).

One double ram BOP, 13.5/8" x 5000 psi (**Cameron/Shaffer/Hydril make only**)having top & bottom flange of 13.5/8" x 5 M working pressure , with side outlets (4 Nos.) complete with ring joints gasket, studs & nuts and with 5" or 4.1/2" pipe and blind rams, one pair each.

One double ram BOP, 7.1/16" x 5000 psi (**Cameron/Shaffer/Hydril make only**) having top and bottom connection of 7.1/16" x 5 M flange, with side outlets (4 Nos.) complete with ring joints gasket, studs & nuts and with 2.7/8" pipe and blind rams, one pair each.

One set each of 9.5/8", 7", 5.1/2", 2.7/8" pipe rams, two sets of 5" or 4.1/2" pipe rams and 1 set of blind rams should be supplied with above items.

All BOP should have crossover (Adopter flange to match 5000 psi well head).

One complete set of suitable diverter assy. with two side outlets and necessary piping/fittings, cross over spools/flanges for working with **20"/13-3/8"** casing to

handle the shallow gas kick.(The Bidder should check the compatibility of the above assembly with well head for safe and smooth operation. All necessary items/fitting to complete the hook up should be provided by the Contractor.)

The Contractor shall provide the following:

- New and unused ring joint gaskets for all flanges with sufficient quantity as spares.
- Adequate no. of studs & nuts for all flanges and wrenches to suit all nuts.
- Operational spares for Contractor's BOPs - both annular and ram, including ram sub assemblies of sizes to suit various tubular sizes including blind ram.
- Ram BOP bonnet gasket.
- Annular BOP sealing element.
- Maintenance / overhauling / repair services for above BOPs

Adapter / crossover spool 13.5/8" x 3,000 psi to 13.5/8" x 5,000 psi – 1 No. having 2 nos of flanged side outlet of 3.1/8".

Drilling spool (18" – 20" high)

a) 20 ¾" or 21 ¼" x 3000psi -1 No.
b) 13.5/8" x 3,000 psi - 1 No.
c) 13.5/8" x 5,000 psi - 1 No.

Note: With facility for hooking up choke / kill lines having flanged side outlet of 3.1/16" in the same plane but in opposite directions.

Cross over flange/adapter spool 11" x 5000 PSI TO 13.5/8" X 5000 psi with necessary ring joint gaskets.

Double studded adaptor flange / adaptor spool 11" x 5000 psi bottom, 7.1/16" x 5000 psi top with ring joint gaskets.

Double studded cross over flange with bottom configuration of 11" x 5,000 PSI and top configuration of 13.5/8" x 5,000 PSI complete with ring joint gaskets, stud & nuts.

a) Companion flanges of appropriate sizes and numbers and suitable for all kill, choke, check valves and lines etc.

Companion /suitable flanges for 3.1/16" to 1.13/16" and 3.1/16" / 3.1/8" to 2" API line pipe female thread.

Suitable risers with provision for hole filling line.

Poor boy swivel and drill pipe shut-in valve of 5000 psi WP with compatible R/hose & D/pipe connections.

The Contractor shall bring adequate quantity of studs, and ring joint gaskets and wrenches for hooking up all the above sizes of stacks and also for replacement of damaged ones. Contractor should maintain sufficient no. of spare rubber elements for the BOP Rams.

The ultimate responsibility of making the well head complete lies with the Contractor. Contractor shall identify and bring all other items, which are not mentioned above but required to carry out drilling operation.

Bidder should provide a schematic diagram with the dimensions of BOP stacks for different sizes and stages of completion.

All above BOPs should be hydraulically operated with hydraulic/ manual locking arrangement.

(C) CHOKE & KILL MANIFOLD (As per API Spec. 16 C)

One set of 3.1/16" x 5,000 psi or 3.1/8" x 5000 psi choke manifold rigidly supported, with two each of manually and hydraulically operated chokes as per API Spec. 16C, First Edition 1993, including control console mounted on derrick floor showing all necessary parameters.

The drilling spool should have side valves consisting of two each of manually operated and hydraulically operated gate valves, on two sides, size – 3.1/16" x 5,000 psi along with two numbers of check valves.

BOP/Casing head housing side valves – (One each) gate valve and check valve on kill lines side size 3.1/16" x 5,000 psi.

Kill lines and choke lines, articulated or flexible (Co-flexi preferred) of sufficient lengths to match drilling spool side outlet connections and kill/choke manifold connections.

5000 Psi WP rigidly supported kill manifold with provision for connection onto slush pumps and high-pressure killing pump by means of 2" ID x 5000 Psi chicksan joints.

Adequate number of 2" ID x 5000 Psi chicksan joints for hooking up well killing pump, test lines, emergency kill line etc.

Choke & kill manifolds shall be complete with all necessary studs & nuts, ring joint gaskets & fittings etc.

(D) BOP CONTROL UNIT (As per API Spec. 16 D)

1 no. Koomey or equivalent (compatible with BOP stack and other well control equipments), skid mounted accumulator & BOP Control Unit , 3000 Psi WP to suit BOP's, HCR valves and choke manifold configuration with two remote controls, adequate reservoir capacity to meet all the well control requirements & complete with skid mounted pipe racks to keep the control unit at about 150 ft. away from the well center. The unit shall consist of adequate number of accumulators of 11/15 gallon capacity each, & complete with necessary pressure actuator switches to make unit both automatic & manual. Bidders to forward the work sheet indicating the reservoir capacity & accumulator capacity along with the bid.

Arrangements for charging the accumulators with nitrogen, as and when required should be made available at site.

BOP control unit should be complete with electrical and air operated pressurizing system with auto pressure switch for both, capable of pressurizing up to 3000 psi.

Adequate number of hydraulic accumulators, adequate capacity reserve tanks and all necessary fittings for safe operation of the BOP stack as specified earlier. OIL reserves the right to increase/decrease the reservoir / accumulator sizes.

BOP remote control unit with graphic visual display, one on the derrick floor and another on the opposite side 150 feet away from the well bore.

All electrical items should be suitable for hazardous area, zone-1 Gas Group IIA & IIB.

Sufficient number of high-pressure control lines shall be made available in the shape of pipe tray for connection between BOP & control Unit placed 150 feet away. Also adequate length of air hoses (2 nos.) should be kept for connection of both the remote control panels with BOP control unit.

(E) WELL CONTROL ACCESSORIES

- Adequate no of lower and upper Kelly cock with suitable connection.
- Hydril or equivalent drop-in type back pressure valve complete with landing sub, check valve & retrieving tool etc. 1 No. each for landing subs with 6.5/8" API reg. Connections & 4.1/2" API IF connection.

- One set of BOP testing unit with suitable high-pressure test pump.

- One no. of 5" inside BOP for making up with drill pipe, having pressure ratings to suit BOP stack rating and with matching thread connections.

- Cup testers for testing 9.5/8" [43.5-53.5ppf], 7" (23 - 29 ppf) & 5.1/2" [17-23ppf] OD casing with facility of interchangeability of cup to suit different weight of aforesaid casings, and suitable plug tester for various casing head housings as indicated in section BOP stack & well control equipment sub-section "BOP stacks & spools" shall be provided by the Contractor.

Note: All **wellhead, well control** equipment / accessories viz. BOPs, spools, choke and kill manifolds, BOP Control Units etc. should be pressure tested to its rated capacity and should be certified as per **API** as well as **OISD/ DGMS (India) / OMR 84** recommended practice.

TUBULAR (PREMIUM CLASS) [SUPPORTED BY API (NDT) INSPECTION REPORT]

(F) DRILL PIPE / PUP JOINT (AS PER API SPECIFICATION 5D)
Contractor shall provide brand **New/ Unused** Drill Pipes and Pup Joints.

Drill Pipe – 5" or 4.1/2" OD, 19.5/16.6 ppf, and flash welded, 18 degree tapered shoulder internal external upset in range 2 length. with 5-3/4" OD x 3-1/4" ID Tool joint, NC 50 or 46 (4.1/2 or 4" IF connection) – Qty 2500 mtrs (Two Thousand Five Hundred metres).

ii) Contractor shall provide Pup Joint for Drill Pipe 5" or 4.1/2" OD as above, grade G-105,

a) 5' length - 3 Nos.
b) 10' length - 3 Nos.
c) 15' length - 3 Nos

Bidders should arrange necessary Installation tool for installing grip-lock type rubber protectors on 5" or 4.1/2" OD drill pipe with adequate numbers of rubber protectors for the entire contractual period.

(G) DRILL COLLARS & HEAVY WEIGHT DRILL PIPE

- 01 (One) No. 9.1/2"- 10" OD, 3" ID, slick drill collar of 15 ft. length, with API 7.5/8" regular connections, having bore back box up & down connection with slip recess & complete with suitable lifting plugs.

- 03 (Three) Nos. 9.1/2"- 9.5/8" OD, 3" ID, 30 feet drill collar with API 7.5/8" regular connections.

- 06 (Six) Nos. 8" OD, 3" ID, 6.5/8" API regular, 30 ft long, spiral drill collars having bore-back box and stress relief pin, with slip recess and complete with suitable lifting plugs.

- 18 (Eighteen) Nos. 6.1/2" OD, 2.13/16" ID, 4" IF, 30 ft. long, spiral drill collars having bore-back box and stress relief pin, with slip recess and complete with suitable lifting plugs.

- 18 (Eighteen) Nos. 4.1/2" or 5" OD, 50 PPF, 3" ID 30 ft long, 6.1/2" OD tool joints Drillco's or equivalent "heavy-weight" drill pipes with 4.1/2" IF box-up & pin down connection with stress relief.

- 3 (Three) nos. 3 ½" OD 26.7 PPF, 1.½" ID , 30 ft. long, NC 26 (2.3/8 IF) drill collars (plain).

Adequate No. of lifting subs/plugs for each size of drill collars as per operational requirement.

Minor variation in dimension for drill collars and heavy weight drill pipes shall be acceptable.

(H) ONE LOT OF NECESSARY SUBSTITUTES, STABILIZERS, REQUIRED FOR DRILL STRING AS WELL AS FOR COMBINATION STRING: All items including but not limited to those mentioned below shall be supplied by the contractor.

BIT SUB

- 1 No. 9.1/2" OD x 7.5/8" API regular double box bit subs with recess for Baker back pressure valve insert.
- 2 Nos. 6.1/2" OD x 4.1/2" API regular box down x 6.1/2" OD x 4" IF (NC 46) box up bit subs.
- 2 Nos. 9.1/2" OD x 7.5/8" API regular box down x 8" OD x 6.5/8" API regular box up bit sub with provision for back pressure valve insert.

- 2 Nos. 8" OD x 6.5/8" API regular double box bit sub with provision for back pressure valve insert.

CROSS OVER SUB

- 1 No. 6.1/2" OD x 4" IF box up, 9.1/2" OD x 7.5/8" API regular pin down cross over subs.
- 2 Nos. 4" IF box up x 6.5/8" API Regular pin down crossover bottle neck subs.
- 3 Nos. of 6.1/2" OD cross over sub with 4.1/2" API IF Box up x 4" API IF Pin down connection.
- 1 No. 6.1/2" OD cross over subs with 4.1/2" API regular pin down and 4.1/2" IF box up connections.
- 1 No. 8" OD x 6.5/8" API regular box up and 9.1/2" OD x 7.5/8" API regular pin down cross over sub.
- 2 Nos. of 4.1/2" IF Box up x 6.5/8" API Reg. Pin down bottle neck sub.
- 4 Nos.(2+2) of 4"IF pin down 4.1/2" box up and 4.1/2"IF pin down 4"IF box up subs.

Double pin sub of undernoted connection with appropriate OD x ID

a) 4" IF x 4.1/2" API Reg. - 1 No.
b) 6.5/8" R - 6.5/8" R - 1 No.
c) 6.5/8" R – 7.5/8" R - 1 No.

STABILIZERS

- 2 No. of 17.1/2" replaceable sleeve type in-string stabilizer with mandrel size 9.1/2" OD & 7.5/8" API regular connections with adequate nos. of replaceable sleeves.
- 1 No. of 17.1/2" replaceable sleeve type near bit stabilizer with mandrel size 9.1/2" OD & 7.5/8" API regular connections with adequate nos. of replaceable sleeves

- 1 No. in-string integral blade / replaceable sleeve type stabilizers having 7.5/8" API regular connection for 26" hole.

- 1 No. 8.1/2" near-bit replaceable sleeve type stabilizer having 4" IF box up x 4.1/2" reg box down connection respectively, and with adequate numbers of replaceable sleeves.

- 2 Nos. of 8.1/2" in-string replaceable sleeve type stabilizers with 4" IF box up x pin down connection with adequate nos. of replaceable sleeves.

- 1 No. Replaceable sleeve type near-bit stabilizer with mandrel 8" OD, 6.5/8" API Reg. Connection. These stabilizers shall be used in conjunction with 12.1/4" sleeve. Adequate number of replaceable sleeves shall be available as back-up.

- 2 Nos. replaceable sleeve type in-string stabilizers with mandrel 8" OD, 6.5/8" API Reg. Connection. These stabilizers shall be used in conjunction with 12.1/4" sleeves. Adequate number of replaceable sleeves shall be available as back-up.

OTHER SUBS

i) Adequate nos. of 4" IF**, Kelley saver and protector subs** (with adequate numbers of rubber protectors for entire duration of the contract.

ii) The necessary **Shock absorber/subs and Drilling Jars** for 12.1/4", 8.1/2" hole (minimum 2 nos. each size).

iii) Necessary cross over subs for connection in between mud motor (3. ¾" OD) & 3 ½ " OD drill collar.

All rotary substitutes and other substitutes necessary to complete the drill string or in pressure line etc. required to carry out drilling and all other rig operations shall be supplied by the contractor in sufficient quantity and it will be contractor's responsibility to find out the requirement.
The contractor shall also provide the **necessary substitutes and handling gears** required to use for 2.7/8" EUE tubing, 2.7/8" VAM tubing and 3 ½" EUE tubing.

ONE NO. MINIMUM (WITH NECESSARY BACK UP PROVISSION) 5.1/4" HEXAGONAL KELLY WITH THE FOLLOWING: (THIS IS THE MINIMUM INVENTORY TO BE MADE AVAILABLE AT ALL TIMES)

- Upper kelly Cock, Pressure rating 5000 psi WP (Total 2 Nos.).
- Lower kelly Cock, Pressure rating 5000 psi WP-(Total 2 Nos.)
- Kelly scabbard with suitable clamps for 5.1/4" hexagonal and 3.1/2" /3" square kelly.
- Kelly grief sub with rubber protector installed.
- Kelly saver sub (Total 6 Nos.)
- All tubular, rotary substitutes shall be NDT inspected as per API standard prior to mobilization. Contractor shall provide documentary evidence for the same before mobilization.

(I) HANDLING TOOL

The Contractor shall supply all items, including but not limited to those mentioned below. Please note that the ultimate responsibility lies with the Contractor for supply of all handling tools as per their inventory of items.

(J) ELEVATORS

- 2 Nos. 150 Ton side door elevators for 20", 13.3/8", 9.5/8", 7" , 5.1/2" Casings.
- 2 Nos. each center latch elevator, capacity 150 ton, for 9.1/2", 8", 6.1/2" etc. drill collars (for use in conjunction with lift plug only).
- Lift plugs in sufficient quantity for all sizes & nos. of drill collars.
- 2 Nos. Center latch elevator, capacity 150 ton, for 5" or 4.1/2", OD drill pipe. Elevator should match type of shoulder of drill pipe offered by contractor.

- 2 Nos. each of center latch elevators, capacity 100 ton, for 2.7/8" OD EUE tubing and 3.1/2" OD EUE tubing.

- 1 set consisting of total two nos. 350 ton capacity, 13.3/8" spider dressed as elevator and slip complete with all accessories and slip assemblies to handle 5.1/2", 7" and 9.5/8" casing.

- 2 nos. Center Latch elevator, capacity of 250 Ton for 5" or 4.1/2" drill pipe. Elevator should match type of shoulder of drill pipe offered by the Contractor.

- 2 nos. Center Latch elevator, capacity of 150 Ton for 2.7/8" OD EUE, VAM tubing and 3.1/2" OD EUE tubing.

- If felt necessary Single joint elevators complete with cat-swivel and sling assembly for the following sizes of casings.
  2 nos. each for 13.3/8", 9.5/8", 7" and 5.1/2".

And any other handling tool if felt necessary by the Contractor. Supply of elevators for all sizes of tubular with replaceable spares shall be the responsibility of the Contractor.

(K) ROTARY SLIPS

- 1 No. Casing hand slips each for 27.1/2" rotary table for handling – 20", 13.3/8", 9.5/8", 7", 5.1/2' casings.

- 2 nos. of hand slip / power slip for handling 5" or 4.1/2" OD drill pipes medium / extra long type to suit pin / square drive master bushing. Contractor should also provide slips to handle 5.1/2' OD tubular.

- 2 Nos. of rotary slip (hand / power) complete with inserts for 2.7/8" Tubing.

- 1 set each drill collar slips for 6.1/2", 8" & 9.1/2" OD drill collars.

- 1 set of 2.7/8", 3.1/2" tubing spiders.

And any other handling tools if felt necessary by the Contractor. Supply of slips for all sizes of tubular with replaceable spares shall be the responsibility of the Contractor.

(L) SAFETY CLAMPS: Safety clamps to handle all sizes of drill collars.

(M) RIG TONGS: Complete sets of Rotary tongs in pairs with 2 sets of extra jaws and replaceable spares of required capacities & sizes to handle the following tubular:

- 5" or 4.1/2" & OD drill pipes & drill collars of all sizes upto 9.1/2" OD.

- Tubing tongs (both 2.7/8 OD EUE N-80 and 3.1/2" EUE including coupling tong.

- 20”, 13.3/8”, 9.5/8”, 7”, 5.1/2” casings.

(N) HYDRAULIC / PNEUMATIC TUBULAR HANDLING TOOLS
Hydraulic power casing tongs complete with hydraulic power unit with suitable prime mover, standard accessories and pivot head for – 13.3/8”, 9.5/8”, 7”, 5.1/2” casing – 2 Nos.
Hydraulic power tubing tongs for 2.7/8” and 3.1/2” - 2 nos.
The operator for power casing tong shall be provided by the contractor at their own cost.

ii) 1 no. Pneumatic pipe spinner for handling drill pipes in the range 2.7/8” –5” OD completes with all necessary fittings.

Suitable Spinning chain device with necessary length of spinning chain, need to be made available at rig floor.

iii) Suitable sizes of pneumatic Kelly spinner – 1 No. (for 5.1/4” Kelly).

And any other tongs if felt necessary by the contractor. Supply of tongs for all jobs shall be the responsibility of the contractor.

(O) ELEVATOR LINKS: 1 set each of suitable size and length weld-less links of capacity 150 Tons and 250 Tons

(P) BIT BREAKER/THREAD PROTECTORS/NOZZLES GAUGE/STABILIZER GAUGE

- 1 No. each bit breakers for 26” & 17.1/2”, 12.1/4”, 8.1/2” for TCR bits (compatible with master bushing).

- 1 set consisting of 2 nos. each size clamp-on or equivalent casing thread protectors for 20”, 13.3/8”, 9.5/8”, 7”, 5.1/2” sizes

- Stabilizer gauges and Bit gauges of 26”, 17.1/2”, 12.1/4” 8.1/2” sizes.

- Nozzle gauges for various sizes of nozzles.

(Q) AIR WINCH: 1 No. Air winch mounted on derrick floor having pulley at crown block suitable for 5/8” soft wire line.

(R) FISHING TOOLS: Contractor will provide all fishing tools for the tubular supplied by them. All items, including but not limited to those mentioned below shall be provided by the Contractor. Supply of all fishing items and recovery of all fishes in every sizes of hole shall be the responsibility of contractor.

a.1 Series 150 Bowen or Equivalent releasing and circulating over-shots for operation in 12.1/4" and 8.1/2" hole to catch all sizes of Drill Collars, heavy weight drill pipes, drill pipes and substitutes as provided by the Contractor, with various sizes of spiral grapple, suitable extension sub and oversized lipped guide for operation in 17.1/2" hole also.

a.2 In lieu of Bowen, Homco make overshot shall also be acceptable. However, bidder who offers Homco make product should mention the equivalent of Bowen make product as per tender.

(S) SAFETY JOINTS: 1 No. each of Bowen or equivalent junk sub for operating in 12.1/4", 8.1/2" hole size.

(T) OTHER FISHING TOOLS:

CASING SPEARS: Bowen or equivalent full circulating and releasing spear to catch 13.3/8", 9.5/8",7", 5.1/2" casing.

REVERSE CIRCULATING JUNK BASKET: 1 No. each Bowen or equivalent R.C.J.B complete with accessories for the various hole sizes i.e 17.1/2", 12.1/4", 8.1/2" etc. for 5.1/2" completion wells as per requirement.

JUNK SUBS: 1 No. Each Bowen or equivalent Junk subs for hole sizes 12.1/4" and 8.1/2".

FISHING MAGNET: 1 No.Fishing magnet each with standard fishing neck for operating inside 12.1/4", 8.1/2" hole and 9.5/8", 7" and 5.1/2 casing.

IMPRESSION BLOCK: 1 No. Impression block each with standard fishing neck for 12.1/4" and 8.1/2" hole size, and 9.5/8", 7", 5.1/2" casing size.

JUNK MILL: 1 No. Each junk mill with standard fishing neck for hole sizes of 12.1/4" & 8.1/2" hole and 9.5/8", 7" and 5.1/2" casing. The Contractor shall carry out re-dressing of mills, if any including supply of materials.

TAPER TAP : For Drill pipe and Drill collars of all the sizes required for 12.1/4" and 8.1/2" hole.

DRILLING JAR: Hydro mechanical drilling jar to provide upward and downward jarring blows, consisting of two separate sections- Upper and down Jar sections:

(a) OD: 6.1/4", ID: 2.3/4", 4.1/2" IF RH: 1 no. with accessories
(b) 7.3/4", ID: 3.1/6", 6.5/8" R RH: 1 no. with accessories

BUMPER SUB: 1 no. each for 12.1/4" and 8.1/2" hole

SUPER FISHING JAR: 1 no. Straight pull, capable of transmitting full torque in either direction, ability to deliver rapid series of blows when desired, easy closing or resetting, having OD=6.1/4" and ID=2.1/4", 4.1/2" API IF RH top sub box connection & bottom pin connection complete with circulation hole and cone type piston assembly

(U) CASING SCRAPPER / ROTOVERT: 1 no. Each casing scrapper / rotovert for casing size of 9.5/8" (40-47 ppf), 7" (23-29 ppf), 5.1/2" (20 -23 PPF)

(V) Totco drift recorder: Suitable drift recorder to record hole angle in the range 0-8 deg. For hole sizes 12.1/4 & 8.1/2" complete with baffle plate, chart etc.

(W) FIRE FIGHTING

i) A trailer mounted **Fire Pump** of suitable capacity and water tanks of 50 KL capacity should be kept as stand by. This is a mandatory requirement and shall be frequently tested for fire fighting purposes. In case of malfunctioning of the fire pump and system, OIL reserves the right to stop further operations and **Nil Day** rates will be applicable till the time the system is made functional.

ii) The Contractor shall comply with any / all other regulation (s) that comes into effect from time to time in this regard.

(X) TRANSPORTATION SERVICES

OIL's Responsibility

Transportation of Company's personnel and materials/equipment (those not attached with the rig) will be Company's responsibility. Contractor will however be responsible for providing all facilities including use of their crane and personnel for unloading/loading and proper stacking/storing of company's materials at drilling site/camp site.

Chemicals required for preparation of mud and completion fluid excepting a few special chemicals, cement and cement additives shall be supplied by OIL with its own transport. However, loading/unloading, stacking etc of these chemicals/ cement at rig site shall be carried out by Contractor.

Well consumables like casing, tubing, well head etc. shall be supplied by OIL. To & fro' collection, transportation will be provided by OIL and loading / unloading, stacking etc. at well site of these consumables shall be carried out by the Contractor.

Contractor's Responsibility

i) Transportation of Contractor's personnel & their material from camp site to drill site and between drilling sites shall be the responsibility of the Contractor. All vehicles deployed for this purpose should be in prime condition.

All requirements of crane(s), during rig up/rig down & inter-location movements are to be provided by the Contractor. The Contractor shall also provide any additional requirement of crane(s) for any specific purpose at site during well operation. The Contractor shall also provide crane service to other service provider(s) engaged by OIL as and when required during ILM, Rig up, Rig down and at site during normal well operations.

iii) Bits and other minor consumables required for drilling of wells shall be supplied by OIL. However, it is the responsibility of Contractor for collection, loading/offloading at site.

The Contractor must provide at his cost the following equipment & services for minimum numbers as mentioned below:-

a). One no. Fork lift/Hydra to work around the rig site.

b). Sufficient number of heavy loads carrying vehicles/trailer and cranes so that the inter-location movement is completed without any delay.

c). Minimum 1 no. of Diesel Hydraulic, Truck mounted, Telescoping Boom mobile crane of 40-50 Ton minimum capacity (good condition and vintage not more than 5 years.) with Operator to be made available at all times at well site.

During Inter-location Movement, any left out consumables including but not limited to, well head, casing, tubing or any kind of tubular, bits, chemicals, barytes, bentonite etc. should be collected, loaded, unloaded, stored, handled, transported between locations by the Contractor or as directed by OIL.

Rig up/ Rig down/ transportation / maintenance of Company's materials/items viz. Bunk House office, chemical lab, chemical godown & Production installations (if any) attached to the rig shall be done by the Contractor.

(Y) MISCELLANEOUS TOOLS & EQUIPMENT

- 1 No. each of circulating head fitted with chickson hose connection for 13.3/8" BTC, 9.5/8" BTC, 7" BTC & 5.1/2" BTC casings and for 2.7/8" EUE, 3.1/2" EUE tubing and 2.7/8", 5"/4.1/2" drill pipe supplied.

- 1 No. poor boy swivel for 5"/4.1/2" drill pipes supplied.
- 1 No. each of tubing shut in valve for 2⅞" and 3½ EUE tubing.

- Mud basket for use during round trips with drill pipes .

- Adequate number of appropriate size back pressure valves to be installed on bit subs during different stages of drilling (complete with installation tool).

- **Cellar pump**: Gorman Rupp Pump or equivalent make diaphragm / pneumatic pump driven by explosion proof electric motor with matching frequency complete with all suction and delivery lines for cellar cleaning purpose. Alternatively, a suitable cellar ejection system is also acceptable. Motor should be suitable for class I, dir. 2 areas and gas group I, IIA & IIB

- One No. of additional reels of 7500 ft. IWRC drilling line (as per specification of the rig).

- One additional reel of IWRC sand line (as per specification of the rig).(For sand drum)

- Appropriate riser for all stages of drilling.

- Rig warehouse and workshop

- Complete sets of tools / wrenches.

- Suitable size & number of bell nipples and flow nipples for making up at the well head.

- Suitable capacity (engine or electrically driven pump reciprocating/ centrifugal type) for pumping gauging water to cementing hoppers.

- One pair manual tongs for 2.7/8" EUE & 3.1/2" EUE tubing, 6.500 & 8000 ft. lb capacity each.

- 5 Nos. 1.7/8" OD Sinker Bar with two rope sockets (suitable for sand line) to be supplied by contractor for swabbing operation.

- One no. each of oil saver sub, canister head and swab mandrel.

- Drill pipe and tubing spinner suitable for all sizes and capacity to be operated with rig air supply.

- **Welding Machine: One set -** Diesel powered electric welding generator or electric transformer welding machine capable to generate welding current of min. 400 amps at 50/60 Hz with constant current characteristics with all associated welding and cutting apparatus, Oxy-acetylene cutting equipments with flash back arrestor, brazing tool etc. Engine of the welding machine should be fitted with spark arrestor. All types of required welding rods, oxy-acetylene gas cylinders and PPE for the operator /welder shall be supplied by the Contractor.

- **Totco Drift Recorder/single shot deviation survey**
  Quantity 2 sets. Type- Totco. Capable of recording 0-8° and 0-16° with baffle plate

(Z) OTHER PROVISIONS TO BE PROVIDED BY CONTRACTOR

(i) The contractor shall provide a barytes loading platform (600-800 sq ft, 4 ft high) with shed to facilitate storing and mixing of mud chemicals at well site. The size of the platform should be adequate for loading and unloading of materials in the shed and mixing of barites/bentonite/mud chemical in hopper shall be done by the contractor.

(ii) Contractor shall make, maintain and use drilling mud as per drilling policy with water loss, weight, viscosity in accordance with mud programme as the OIL may decide as per good oilfield practices, Diligence in keeping the hole and all strings of casing and space between casing filled with drilling mud shall be exercised. Contractor shall maintain and test drilling mud at least twice each hour for weight and viscosity. The contractor shall record the result of such tests and use of mud and mud chemicals in its daily drilling report. Contractor will also be required to keep hourly record of mud weight, viscosity (in and out), active tank volume etc. making and maintaining the drilling fluid will be contractor's responsibility at his own cost. The detail mud testing should be carried out at the well site laboratory twice daily by the Contractor.

For / During well testing (Production Testing)

(i) **Schedule - 1**
Making & breaking including stacking and running in of production tubing (2.7/8" OD EUE/3.1/2" OD EUE tubing) as per the standard practice.
Installation of Tubing Head Spool, packing/testing of secondary seal as per policy/rating.
Testing pumps and gears to be provided by the Contractor.
Testing/ installation of X-Mas tree.
Making necessary tubing/ casing connections to the well head set- up.

Hooking up of the production equipment namely Tanks, Separator, Steam jacket, ground X-Mas tree etc and test the same before commissioning as per the requirement.
To make the gas flare line to the flare pit.
To measure the flow rate and to analyze the produced fluid as and when required.
To maintain the tubing tally including any down hole production equipment run.
Any other job required for production testing as per policy.

(ii) **Schedule -2**
All production equipment's namely X-Mas tree, Tubing head spool, Hanger flange / Tubing hanger, Separators with all accessories, Tanks, Steam jacket, Ground X-Mas tree, Tubings (EUE N-80, 2-7/8"), Pipes for surface fittings and flare line etc will be provided by Production Oil Department.
All tools required for making up of the above equipments are to be supplied by the Contractor i.e. elevators, slips, tubing tong, coupling tong, hydraulic pumps and other necessary equipment for hydraulic testing of the separators, x-mas tree, ground x-mas tree and consumables such as thread dopes to be provided by the Contractor.)

(iv) OIL reserves the right for inspection and verification of the Rig and associated ancillaries during any time after bid closing date. Bidder should confirm acceptance of this clause in their bid.

7.3 GROUP –III (MUD /AIR/WATER/FUEL SYSTEM)

A) MUD SYSTEM

a) A mud system having an active capacity of minimum 600 bbls (US) and gross capacity of minimum 1200 bbls (US) including reserve capacity, with the following tanks / tanks compartments having electric motor driven suitable agitators

- Shale shaker tank
- Intermediate tank / Desander – Desilter tank.
- Suction tank with slug pit
- One trip tank (50 bbls minimum, with 2 Nos. 2" x 3" centrifugal pumps driven by compatible explosion proof electric motor)
- One mixing tank
- Suitable Nos. of reserve tanks to accommodate the above reserve capacity.
- Pre-flush tank of minimum capacity 25 bbls.

Provision for suction of mud from any of the reserve tanks with either of the mud pumps should be kept. Apart from the above, the mud system should include the following or equivalent:

Shale Shaker: Derrick Flow/Swaco make or equivalent high-speed linear motion shale shaker – 3 units, with minimum 7G force with suitable flow divider with min. capacity 800-1000 GPM with sufficient number of screens from 20 to 200 mesh size (The units of LMSS should not be permanently fixed on to the tank skid but should be designed for easy attaching and detaching from the skid).

Desander: Brandt make or equivalent Desander (hydrocyclone type – min 2 cones) capacity 1000 GPM, complete with 75-100 Hp flame proof motor driven centrifugal pump.

Desilter : Brandt make or equivalent Desilter (hydrocylone type – 16 to 20 cones), capacity 800 GPM, complete with 75-100 HP flame proof motor driven centrifugal pump.

Mud Cleaner: One linear motion mud cleaner complete with 16 nos. 4" desilter cones with capacity 800 gpm.

Vacuum Degasser: Swaco make or equivalent Degasser, vacuum type of capacity 1000 GPM fitted with 1 no. 5 hp, 230/415 Volt AC 3 phase 50Hz explosion-proof motor driven vacuum pump complete with suction and discharge piping, jet nozzle, pipe fittings with vacuum gauge and proper gas disposal system with Poor boy Degasser chamber for disposing of gas beyond hazardous area / zone.

All electrical equipment required to run the solid control equipment are to be rated at 415 Volt , 3 Ph, 50 Hz and must be DGMS approved.

NOTE: 1) Suitable mud mixing system, consisting of low pressure hoppers and electric motor driven centrifugal pumps. The System should be capable of mixing mud up to 16 ppg, approx. the system should contain at least two hoppers & two motor driven centrifugal charging pumps.

2) The active mud system should have one platform adjoining the tank with approx. dimensions of 30' x 20' for keeping bentonite, baryte & other materials for mixing purposes. Alternatively, contractor should keep adequate provision for keeping the chemicals at site.

3) The reserve tank should have independent suction & delivery lines with mixing arrangement through the hopper.

4) Throughout the tank system the following lines shall be installed as required and complete with all necessary pipe fittings & accessories.

(a) Suction lines
(b) Mud roll line
(c) Discharge line
(d) Water line
(e) Mix line

5) Contractor should arrange HSD for releasing stuck pipe and for mud treatment as and when required. The company will reimburse the Cost of HSD used for above on actual basis at the cost per litre of HSD prevailing on that day.

6) Slug tank within the suction tank of approx. capacity 60 bbls with all necessary fittings, valves, connection etc. shall be provided by the Contractor.

7) The Contractor shall provide the all necessary safety requirements for working around the mud tank system -
A suitable number of stairways from ground to top of tanks, from ground to choke manifold level, from choke manifold level to top of tank.

Mud Tanks must be covered with grated flooring/serrated flooring.
Hand railings on all the outer boundaries of the tanks should be provided.

The mud tanks and all other accessories are to be mounted on rugged oilfield skids. Mud tanks should be in good working condition and rugged enough to last the entire duration of contract including an extension if any, without having to undergo repairs irrespective of their movement.

CABIN FOR MUD ATTENDANT: A cabin of dimension 5' L x 5' W x 8' H mounted on a skid with one sliding door, 3 safety glass windows (on 3- sides), one knowledge box and one tool box and standard mud lab Baroid Model No. 821-40 shall be provided by the contractor. The inside walls of the cabin are to be provided with thermal insulation and laminated boards along with at least one electrical power point (15/5 Amp.). The cabin shall be placed near the intermediate tank at the level of the walkway.

B) AIR SYSTEM: Rig air compressor package consisting of the following mounted on a hut.
Adequate number of engine/electric motor driven reciprocating / screw compressors each is having a capacity of 150 psig rated working pressure, complete with air dryer and all accessories. Air supply system should be sufficient for entire rig operation including BHP (cement silos).
In addition one number (minimum) cold start compressor of 150 psig rated pressure driven by diesel engine for starting the Power pack engine will be necessary.

2 nos. air receiver each having a adequate capacity and working pressure for rig package complete with air dryer, safety relief valve, pressure gauge, condensate trap etc.

The air receiver supplied should be hydraulically tested at 1.5 times more than the working pressure. Details of testing report should be provided along with the Rig. Also the testing date, pressure etc are to be painted in the air receiver.

C) WATER SYSTEM: The water system should conform to the minimum requirements as given below for guidance.

(a) **Water tanks:** Three (03) Nos interconnected tanks. (One tank also to be used as gauging water tank which should be equipped with hopper and agitators). Rectangular shape with covered top preferably 9.9 m long x 2.285m wide x 2.5m height on a four runner skid, with drain out valve, equalizing coupling ladders both in and out of tank. Each tank shall have a man hole opening of 20" x 20" to go inside for cleaning purpose.

Total storage capacity: 150 cubic meter (approx.)

Suitable skid fitted with two centrifugal pumps (Booster pump) with minimum 25 HP explosion proof electric motors complete with suction and discharge lines for operation of either or both pumps for supply of water to various points should be provided.

(b) **Water Supply**: The Contractor shall be responsible for supply of suitable water (industrial/potable) for running the operation without any interruption.

The Contractor shall be responsible for procuring, transporting and storing/supplying adequate quantity of both industrial/potable water to well site / campsite at their cost. The company shall in no way be responsible for any water arrangement whatsoever at well site /campsite. The Contractor shall make arrangements to supply industrial water to the Cementing and BHP services provider / any other third party of OIL as and when required during drilling operation.

(c) **Fuel Tank**: Two tank diesel fuel system having adequate capacity complete with fuel filters and two (flameproof-DGMS (India) approved) electric motor driven fuel / transfer pumps with suitable fittings for running the engines during operation.
The Contractor has to arrange for necessary **Explosive License** from competent authority for storage of **HSD** at rig/camp site in each and every drilling location at their own cost.

NOTE:

- In case, the rig remains idle for want of a minimum required quantity of acceptable quality water, then **'nil' day rate** shall be applicable for the entire period of shut-down.

- In case of total mud loss into the formation while drilling or in case of fire fighting, if the whole water stock is consumed, then **'nil' day** rate will not be applicable. However, the Contractor has to take urgent & all out effort to replenish the stock immediately in order to tackle the water problem.

D) ELECTRICITY: Generation and supply of electrical power for running the entire operation and for various uses in the camp and well site shall be done by the Contractor.

i) **RIG LIGHTING:**

1) All lighting fixtures, plug & sockets, junction boxes etc. used in hazardous area shall be explosion proof or increased safety and must have approval from DGMS (India) for use in Zone 1/ Zone 2, gas group IIA&IIB as statutory requirement.
2) Lighting cable should be multi core flexible copper cable, 1000 volts grade (armoured or screened), elastomeric rubber insulated, CSP/NBR sheathed.
3) Power supply to the lighting circuit shall be from phase-to-phase, 230volt, 50Hz (or 60 Hz).
4) White flasher light of high luminous intensity should be mounted at the mast top. These light shall be operational at all times from the moment the mast is raised and until the mast is finally lowered irrespective of well operation.
5) Illumination level should be maintained as follows-

Sub-structure (derrick-floor) - 80 lux
Peripheral/area - 10 lux
Double board - 30 lux

iii) **RIG MOTORS**: All rig motors, starters and push button stations used in hazardous area must have approval from DGMS (India) for use in Zone I, gas group IIA & IIB classification as statutory requirement. Cable used for motor operation

should be multi core flexible copper cables (armoured or screened) of 1000 volts grade, EPR insulated, CSP/NBR sheathed.

(iv) **NGR system**: System of Neutral Grounding Resistance with suitable isolating transformer(s) be installed for restricting fault current to a maximum of 750 mA as per statutory guideline.

v) **EARTH LEAKAGE PROTECTION DEVICE**: All out going feeders for motor, lighting etc. shall be provided with earth leakage protection device so as to disconnect the supply instantly at the occurrence of earth fault or leakage current as per IE Rules (Indian Electricity Rules, Rule 61A).

vi) **GENERAL CONDITION**

1. All electrical equipment such as motors, light fittings, push button station, plug & sockets, junction boxes, motor starters etc. used in hazardous area must be approved by DGMS, Dhanbad (India) as statutory requirement (Oil Mine Regulation- 84, clause no. 73 & 75).
2. The Contractor should furnish the following along with the offer:
Single line power flow diagram
Plan layout of electrical equipments used in rig.
List of all electrical equipments used in the DRILLING rig with DGMS approval no.
Earthing scheme.
3. Electrical job precautions should be adopted in the oil field as specified in the Indian Electricity Rules, 1956 and Oil Mine Regulation 1983.
4. All electrical equipments such as motors, light fittings, pushbutton stations, junction boxes, socket boards, starters etc. as well as storage tanks (mud, diesel, water etc.), vessels, DRILLING rig outfit etc. shall be double earthed.
5. Proper insulation mat should be placed in front of switch, panel board etc.
6. Should have FLP torch, Insulation Tester, Multimeter, Earth Tester and Electrician's Tool Kit.
7. Job supervision has to be done by a competent person, possessing supervisor's certificate of competency including part no VIII, issued/ endorsed by State Licensing Board of Rajasthan.

v) **COMMISSIONING REPORT & STATUTORY RECORDS**: One commissioning and statutory record register should be maintained by contractor to record the following-

Insulation resistance of all motors, generators, cables, distribution board, transformer etc. (in each rig up and monthly).
Earth resistance of all electrodes. (in each rig up and monthly).
Test record of RCCBs (monthly).
Maintenance of FLP equipments (yearly)
Electrical Log sheet (daily), Annexure - XII (Format of Annexure - XII of IER will be provided by OIL).

8. **GENERATING SET:** A diesel engine driven Generating set (Twin set one running & one standby) of required KVA power considering all electrical loads, with acoustic enclosure as per Central Pollution Control Board (CPCB) norms at well site.

9. **LIGHTING SYSTEM:** Explosion proof, suitable for hazardous location with adequate lighting at all the important points. Mast lighting system and area lighting system should be provided with proper fixing arrangements, poles etc.

Note: STATUTORY REQUIREMENTS FOR ELECTRICAL ITEMS

All the equipment such as light fittings, plugs & sockets, junction boxes, etc used in hazardous area must have CMRI (INDIA) certifications or equivalent certification from competent authority from the country of origin and the bidder has to forward the same along with the offer. Bidder shall confirm categorically during the offer that approval of DGMS (INDIA) for zone I, Gas group IIA & IIB for the same will be provided along with the supply. The bidder should ensure that Red Flasher light on the crown of the mast have been provided as per Aviation Standards. Bidders have to furnish a list of Electrical equipment to be used in hazardous areas as per format given in Annexure-IV. The Electrical equipment must have certifications of flameproof ness from CMRI, Sitarampur if the equipment are of Indian origin or by any equivalent foreign certifying agency if the equipment are of foreign origin and all have to be approved by DGMS, Dhanbad as a statutory requirement (Oil Mines Regulations - 84, clause numbers 73 & 75).

The entire electrical installation job should be carried out as specified in the latest version of Indian Electricity rule and relevant standards and precaution should be adopted in the Oil field as specified in the India Electricity rule.

7.4 MISCELLANEOUS ITEMS

- Dog house
- Two section catwalk and pipe racks of sufficient capacity and length.
- Storage and tool house.
- Pipe and casing rack of suitable height and adequate capacity.
- Suitable arrangement at the end of flow nipples of well head for fixing gas monitoring equipment, with a suitable shed for the **gas logger** at that location.

DRILLING INSTRUMENTATION: The rig should be equipped with the following instruments of Martin Decker or equivalent make:

Martin Decker type E/EB or equivalent wt. indicator complete with accessories and suitable wire line anchor for appropriate number of lines (8-10 lines) strung at Driller console.

Driller's Console should contain 1 no. string weight indicator, 1 no. mud pressure gauge, tong torque gauge, rotary torque gauge, rotary table RPM meter, pump SPM counter for each rig pump, ROP gauge. The Driller's console should be intrinsically safe.

Suitable Mud Volume Totalizer and flow fill indicator and recording system for all tanks (including trip tank) shall be provided at Driller console. It should include

emergency honking system, signal alarm and visual display boards at strategic points.

Seven channel Record-O-Graph instrument to record string weight, mud pressure, rotary torque, RPM, mud pump SPM and ROP suitable located at derrick floor preferably inside the doghouse.

7.5 GENERAL NOTES:

The Bidders should forward all technical details of their equipments/machine indicating make, model, capacity, name of manufacturer, year of manufacture etc. along with their technical bid.
Minor variation in size and specification of tools and equipment quoted with the Rig should be acceptable provided these are fully compatible with the offered Rig.

The total number of rig loads required for rig movement should be clearly spelt out in the bid giving details of each load.

Supply, storage, consumption / regulation of water & fuel at the well sites as well as at the campsite shall be the contractor's responsibility. Any shut down of operation due to non-availability of water and fuel shall be on the contractor's account.

Necessary Explosive License required (statutory requirement) for storage of fuel/lubricant etc. shall be the contractor's responsibility at their own cost.

The Bidder shall submit the layout drawing of the offered rig package indicating loading pattern of soil / foundation under the following conditions:

(i) Guy-rope anchoring position with respect to well center.
(ii) While raising / lowering mast.
(iii) With rated hook load + set back load
(iv) With casing and set back load.

The above shall be furnished with the bid.

The Contractor shall stock, adequate amount of screens (mesh sizes 20,40,60,80,100,120,150,175 & 200.) for shale shaker and enough stock of desander / desilter cones, other spares.

To locate the nearest sources and supply of water shall be the responsibility of the Contractor, for day to day requirement of camp and well site operation.

The Contractor shall supply all sorts of lubricants for day-to-day operation of various rig equipments. Also, various spares for rig components shall be stocked / supplied by the Contractor.

All sizes of drilling bits as required separately under different casing / hole policy shall be provided by OIL. Contractor will supply on request, bits selected by OIL at actual cost + **5%** handling charge.

The contractor shall stock adequate stock of grip-lock rubber protectors, fluted type for 5"/ 4.1/2" drill pipes along with installation device.

Time frame: No. of wells and other well parameters are indicative only. The contract will initially be applicable for a period of 6 months of operation. At the end of 6 month period OIL at its discretion may extend it for another six more months or part thereof at the same rate, terms and condition. Thus the total contract period may be valid for 6+6 months.

Well Logging Service: All logging requirements as depicted in the drilling program will be met by OIL through its in-house or logging contractors' service.

Well killing: The primary responsibility of well killing and all related operations shall lie with the Contractor. Contractor shall provide men, material and fire service for this purpose. Well killing method and procedures should be decided by OIL. OIL shall render all possible help to liaise with Civil administration when blow-out like situation arises. Competence of the Contractor's well killing operation shall be decided by OIL. Based on this, OIL reserves the right to bring in external experts. The resultant cost thereof shall be borne by the Contractor, in the event that the blow out occurred due to negligence of the Contractor.

Kill pump: Contractor should provide a kill pump set of the following broad specification:
Diesel Engine (250-300 hp capacity) driven, preferably Turbocharged Caterpillar/ Cummins, OPI/National make or equivalent pump of max. rated working pr. 15000 psi having varying plunger sizes, 2.3/8", 3.1/2", 4" having discharge rate of 350 GPM (maximum) with suitable torque converter having five speed control system.
1 no. kill tank of minimum 40 bbl capacity.

The kill line should be laid with Chickson joint having NRV, bleed valve and should be sufficiently grouted at intervals along with additional safety chains in between two joints. One (1) no. compatible choke & kill manifold of 15000 psi rating should also be provided.
Grouting of the kill lines to be done by the Contractor.

Pressure Test Requirements: All pressure tests shall be recorded on pressure chart recorders whenever possible. A record shall be kept of the volumes required to obtain the test pressure, the fluid used for the test, and the volume returned during the test when pressure was bleed off. Contractor should arrange for suitable pressure test pump of minimum 5000 psi capacity and necessary test hose/lines with NRV, pressure gauge.

i. **Formation Integrity Test (Leak-off Test)**: Formation integrity tests shall be conducted according to Company's Procedures. Pressure testing of stand pipe manifold and choke manifold valves are to be carried out according to relevant API standards.

ii. **Casing Test**: The casing will be pressure tested over the entire length after placing cement. Casing pressure tests shall be conducted for minimum 15 minutes as specified in the drilling program.

(c) **BOP Test**: All pressure tests on BOP, wellhead components and their connections shall be carried out in line with relevant OISD standard – 174 and Company's well control manual. BOP test pressures shall be applied at 300 psi low and high values (to be specified in the program/as per OMR-84) for

time span as specified in the drilling program. Pressure tests on BOP, wellhead components and their connections shall be made with clean water unless if otherwise specified by the Company representatives. All valves shall be arranged for fast shut-in-well control conditions immediately after BOP tests.

(d) **Wellhead seal integrity tests:** Wellhead seal integrity tests shall be conducted in accordance with the company procedures/drilling program.

(e) **Well Control requirements:** BOPs will be installed after running the surface casing. A Formation Integrity Test or Leak-Off Test will be performed after drilling out the casing shoe and immediately after drilling out float equipment on all casing strings. For all secondary well control the preferred method is preferred. BOP stack, control system and choke manifold shall be function and pressure tested on installation and after every 07 days and 21 days as per OMR-84 / Company's requirements. These tests shall be witnessed by the Company representative and recorded on appropriate chart recorders. The correct size wear bushing or bore protector is to be installed in the well head during all drilling and logging operations. The De-gasser is to be operated after installation and function tested thereafter regularly during drilling. Any short comings are to be reported and immediately rectified, before drilling ahead. Prior to using a new bit or bottom hole assembly, the Contractor shall take slow pump rates at 20, 30 and 40 strokes per minute. Slow pump rates shall also be taken at the beginning of each work tour, after drilling 200 meters, or after making changes to the mud weight. The results shall be reported on the daily progress report.

CIVIL ENGINEERING WORKS: Company shall provide foundation for the standard rig equipment including hard standing and cement concreting areas, effluent pit provision etc. Any additional civil work involvement besides the standard indicated plinth area/civil work should be highlighted by the bidder in the technical bid.

The approximate well plinth preparation for a similar drilling rig with the company is broadly as follows;

i) Approx. plinth areas: 10000 Sq. m

ii) Concrete volume: 250 to 280 cum

(for foundations of slush pumps, drilling rig, rig engines, etc.)

iii) Hard standing area: 9000 Sq.M

iv) Effluent pit volume 5,00,000 gallons for development well.
6,00,000 gallons for Exploratory well.

The Contractor may use the above information as a guideline only. The Contractor and OIL's responsibilities in this regard are defined below.

- All Civil Engineering jobs associated with preparation of approach road, well site plinth, rig foundation (with cellar), guy-rope anchoring etc. will be the Company's sole responsibility. However, the Bidder should submit the following in order to assess the quantum of civil engineering works required –

- Rig layout drawing clearly indicating areas where road / hard standing/ guy rope anchor is required.
- Substructure foundation design.

- Cellar foundation design. Also, indicate maximum allowable cellar foundation size.
- Structural configuration and load distribution of the rig package / equipments.
- Detailed design of any other equipment requiring cement/concrete foundation.
- All approach roads to well site and hard standing of well sits will be made from gravel/ locally available material without any black toping what so over as per prevailing practice.

- Grouting as well as necessary sizing / adjustment in length of false conductor with available cut pieces is Contractor's responsibility.

- After awarding of the contract/ issuance of LOA, all the above Drawing submitted along with Technical Bid is to be finalized, in case of any discrepancies, for preparation of well site after consultation with the OIL`s officials within 10 days on receipt of LOA. The mobilization of Rig and accessories should start immediately on getting information from OIL.

NOTE:
i) OIL will provide the land required for the camp near to rig site. However, OIL will not be in any way responsible for setting up of well site camp. For the base camp at Jodhpur, the Contractor shall take all responsibilities as per their requirement etc.

ii) Maintenance of approach roads to well sites shall be the Company's responsibility while maintenance of **well plinth and camp site** including materials shall be the Contractor's responsibility.
iii) The Civil materials required for **camp** maintenance shall be supplied & arranged by the Contractor.

7.5 The Bidder must furnish the following additional information along with the bid:
a) Power flow diagram of the Rig.
b) Estimated fuel consumption per day at full load i.e. while drilling at 1000 m to 2000 m depth.

7.6 ASSOCIATED SERVICES: The Contractor shall offer the following associated services along with the rig package.

A. MUD ENGINEERING SERVICES:

i) Contractor shall provide two competent Mud Engineers for carrying day to day mud engineering services on 12 hourly shift basis.

ii) Standard Mud testing laboratory with the requisite mud testing equipment including but not limited to Fan Viscometer, API fluid loss apparatus, etc. shall be provided by the Contractor.

iii) OIL shall submit a detailed stage wise mud programme based on the depth data/casing policy as indicated in this document including their recommended dosage for mud additives and optimum range of mud parameters which need to be

maintained by Contractor at the well site for achieving trouble free drilling operations.

iv) Shift wise mud report in detail (as per standard IADC Proforma) indicating all mud properties like mud weight, viscosity, API fluid loss, pH, `O' gel / '15' gel, mud stock, details of chemicals / additives mixed during the shift, the operating condition of solid control equipment, mud hydraulics etc. shall be prepared and submitted to the Company Representative.

v) The Contractor must ensure proper maintenance of mud parameters to avoid damage to producing formations and maintain a good bore hole. He should also ensure the availability of mud chemicals at wellsite by submitting his requirement to the Company's representative well ahead of time.

vi) In case of any difference of opinion at any stage, with regard to mud policy, OIL's mud programme shall prevail and the Contractor must use OIL's mud policy at that point of time.

B. CEMENTING SERVICES:

1. OIL shall perform the cementation jobs by using trailer mounted cementing unit provided by the third party at the planned wells to be drilled. The Contractor shall provide tools, equipment and necessary services to enable the third party engaged by OIL to carry out the jobs successfully.

2. Air supply during cementation, in case of emergency, from rig utility for mixing of oil well cement at well site should be provided by Contractor

3. OIL shall use cementing unit for entire cementing operation however in case of emergency OIL should be allowed to use both slush pumps (individually or in conjunction) to pump/displace cement slurry.

4. The Contractor shall make arrangements to supply industrial water to OIL during and after cementing operation.

5. Any transport service if necessitated during cementing operation should be provided by the Contractor.

C. BHP SERVICE:

BHP Service shall be provided by the OIL/third party engaged by OIL. However, Contractor shall provide all necessary help during commissioning/operation. The transportation of the same during inter location movement shall also be carried out by Contractor at their own cost along with the rig package.

Contractor shall extend all necessary help to cementing service provider engaged by OIL for placement of cementing unit/accessories/laying of pumping line for cementation job at the well site.

D. CORING SERVICES:

The Contractor shall be required to take conventional cores during drilling in different stages whenever desired by OIL. The Operating Day rate will be applicable during the coring period. All materials required to take cores will be supplied by OIL or OIL's third party contractor.

E. CATERING SERVICES:
A reputed catering service, serving good/hygenic Indian and continental food and sufficient potable (bottled mineral for drinking) water for the contractor's personnel and 20 nos. OIL designated personnel (inclusive of all third party Contractors under OIL'S purview) shall be provided during the entire contractual period by the contractor.

CHARGE FOR FOOD: Charges for food for each additional Company's or Company designated persons in excess of 20 nos. shall be paid per meal to be computed on the basis of individual meals.

F. MEDICAL SERVICES: Good and Suitable first aid medical services shall be provided by the Contractor round the clock to all persons including persons of third party engaged by OIL with an attending registered Doctor (minimum MBBS degree holder) on call basis- 24 hrs. a day and one on-site Ambulance. The doctor shall be available at all times during the entire contractual period with sufficient quantity of first aid kit and medicines to meet any emergency**.**

First Aid Kit: An adequate and approved first aid kit should be provided on the rig and should have all medicines as recommended by St. John Ambulance.

G. CAMP AND OTHER ESTABLISHMENT: Good/Hygienic camp facilities for lodging Company's (inclusive of third party Contractor s personnel) and Contractor's personnel along with camp site dispensary and catering services shall be provided by the Contractor. Fully furnished air-conditioned bunkhouses for both executive and work person type accommodation should be provided for at least 20 (8 nos. executive and 12 nos. work person.) company personnel or OIL's representatives. The camp should be well maintained with normal recreational facilities including up-to-date DVD, Colour TV (LCD) with satellite channels, music system, light indoor games etc. at the contractor's cost. The camp facilities should be established near to the well site and should include the following for OIL'S personnel but not limited to**:**

- 2 Nos. 1-seated unit accommodations with attached bath and toilet. (One for Co.Rep & one for visiting senior executive.)
- 3 nos. 2-seated unit accommodation with attached bath & toilet.
- 3 Nos. 4- seated accommodation with attached bath & toilets.
- One air-conditioned dual office unit to be used as Company Representative & Tool Pusher office at rig site. This unit should be attached with Tool Pushers office and should have inter-connection.
- Dwelling units may be double seated except for company's representative, which should be single seated.
- All bunkhouses shall be air-conditioned and fully furnished.
- The Company reserves the right to decide the menu of the catering services at camp and well site a-la-carte (other than fixed menu), with room service.
- At least one spacious air-conditioned bunkhouse containing all recreational facilities.
- One air-conditioned communications bunk house containing all communication equipment at rig site.
- One laundry unit with attendant service.
- One air-conditioned bunkhouse type first aid disbursement room to meet any emergency with doctor and attendant.

- One spacious dining hall and Kitchen, store bunkhouse etc. as per convenience of the Contractor.

NOTE:
i) Electrical power supply to the camp and other establishment should be supplied by Contractor from a separate acoustic/ silent DG set of suitable capacity

ii) The Contractor should bring light and easily transportable dwelling units for camp establishment.
iii) All units including those to be used as office/lab. should be fully furnished and air conditioned with proper lighting arrangements. The dimensional sketches of all units are to be provided with the bid. Disposal of any effluents from toilets/kitchen etc. will be the responsibility of the Contractor. The Contractor shall be solely responsible for keeping the entire camp area and well site neat, clean and hygienic.
iv) About 40 m x 45 m of suitably dressed area will be provided for placement of above living bunk houses for OIL's personnel. The area should be maintained properly with hygienic condition by the contractor.

H. FIRE FIGHTING AND SAFETY EQUIPMENT/SERVICES:
(As per API wherever applicable)

i) **Safety:** Contractor shall observe such safety regulations in accordance with acceptable oilfield practice and applicable Indian Laws. Contractor shall take all measures reasonably necessary to provide safe working conditions and shall exercise due care in preventing fire, explosion, blow out. The Contractor shall maintain fire and well control equipment in sound condition at all times. Contractor shall conduct such safety drills, BOP tests, etc. as may be required by company at prescribed intervals.
Contractor shall provide all necessary fire fighting and safety equipment mentioned below as per laid down practice as specified under **OISD - STD - 189** and **OMR**.

1. 50 M^3 capacity (minimum) water storage tank
2. Trailer/ skid mounted diesel engine driven fire water pump of capacity 1800 lit/min at 7kg/cm2 pressure
3. 10 kg DCP Extinguishers: 10 nos.
4. 6.8 kg CO2 Extinguisher: 1 no.
5. Sand bucket: 6 nos.
6. Fire bell: 1 no.
7. Emergency Hooter: 1 no.

Contractor shall provide necessary hose, TPC for fire pump with fittings

Fire protection at drilling sites shall be the responsibility of the Contractor. Necessary action shall be taken and prior arrangements to be made for providing competent persons trained in the field of fire fighting (certificate/diploma holders) at the rig site.
Documentation, record keeping of all safety practices should be conducted as per international/Indian applicable laws, act, regulations etc, as per standard Oilfield practice and these records should be made available for inspection at any point of time. The H.S.E (Hygiene Safety and Environment) policy as well as emergency procedure manual should be kept at site. Compliance of these shall be the sole responsibility of the contractor.

One ambulance with dedicated driver shall be kept standby at well site for 24 hrs. to meet any emergency with all basic facilities like stretchers, oxygen cylinders, first aid facilities, etc.

I. Effluent Treatment Plant and Waste Disposal Service:

The Contractor shall provide necessary Effluent Management/Treatment Plant and Waste Disposal Services with equipment, tools , manpower etc. to treat, segregate, dispose liquid as well as solid drilling waste from the well site. The contractor shall mobilize the service before spud-in at the first location. The drilling activities will generate rock cuttings mixed with drilling mud. The rock waste needs to be disposed on a regular basis depending on the rate of drilling. Drilling mud may also to be discarded after each section of drilling. The contractor shall also dispose sewage generated at the camp.

The Contractor shall mention **the name of place** for disposing both solid and liquid wastes as per the statutory rules/guidelines (MOEF, Govt. of India and State pollution Control Board).

J. MAINTENANCE OF EQUIPMENT:

In case of any non conformity in the connections/sizes between various equipment and tools to be provided by the Contractor, which depart from the generally adopted procedure followed for a particular equipment / tool of the rig package, the Company reserves the right to ask the Contractor to provide all necessary accessories to use such items without any obligations on the part of the Company.

This clause shall not however, be unduly exercised without consultation/ agreement with the Contractor.

Loading of barytes shall have to be carried out by the Contractor.

The Contractor shall provide one no. Chemical godown with floor space of approx. 660 sq.ft. of appropriate dimensions with proper raised brick soled cemented/wooden flooring for storing of chemicals, LCM etc.
The Contractor should ensure that RED AVIATION FLASHER WARNING LIGHTS on the crown of the mast have been provided as per Aviation Standards.
Contractor shall assemble, dismantle, and move all OIL's designated items if any attached with the Rig without any obligation to OIL.

K. PERSONNEL TO BE DEPLOYED:

The Contractor will have to deploy adequate manpower to carry out the required operations. The deployment pattern will be as per the contractor's discretion for all the required services except for the rig operations during drilling & completion phases for which the deployment pattern has to be as per the following norm with the indicated key personnel :

Sl. No.	Key Personnel	Number of personnel on location per shift	Working Hours
1	Rig manager/ Area Manager	1	On call 24 Hrs
2	Tool Pusher	1	12 Hrs
3	Tour Pusher/Night Tool Pusher	1	12 Hrs
4	Driller	1	12 Hrs.
5	Asstt. Driller	1	12 Hrs
6	Derrick Man/Top man	2	12 Hrs
7	Floormen/ Roustabout	10	12 Hrs
8	Mechanic	1	12 Hrs
9	Mechanical Supervisor/Engineer. (Chief/Master mechanic)	1	12 Hrs.(during day shift & as and when required).
10	Electrical Supervisor/Engineer. (Chief Electrician)	1	12 Hrs.(during day shift & as and when required).
11	Rig Electrician	1	12 Hrs
12	Mud Engineer/Well site Chemist	1	12 Hrs
13	HSE Officer	1	12 Hrs.(during day shift & as and when required).
14	Welder	1	12 Hrs .(during day shift & as and when required
15	Heavy Duty Crane operator	1	12 Hrs
16	Telephone Attendant	1	12 Hors.
17	Catering Personnel	As required	
18	Gas Logger cum sample washer	1	12 hours

ii) The Rig Manager / Area Manager has to be present at station all the times and should report to Drilling Deptt's office as and when asked for to receive instruction/resolving any issue on contractual obligation.

iii) **KEY PERSONNEL**: The qualification and experience of the key personnel are to be as under:

a. RIG MANAGER/ Area Manager

Should be engineering degree/diploma holder of sound health and have work experience in work over / drilling operation in deep oil / gas wells, for about 15 years, of which at least 3 years should be in respective position. The person should be conversant with well control methods to take independent decisions, logistical support in case of well emergencies.

b. TOOL PUSHER: Should be of sound health and have work experience in drilling oil/gas wells.

i) Should be conversant with working in diesel electrical rigs.

ii) Must posses valid well control certificate (IWCF) / IADC well cap; and should be conversant with well control methods to take independent decisions in case of well emergencies.
iii) Should be conversant about mud chemicals & maintenance of mud property.

iv) Qualification and experience:

Qualification	**Minimum inline Experience (in years)**
Diploma in Engineering or B.Sc or equivalent	10-years in Drilling, out of which at least three years as Tool Pusher In exploratory & development wells.

c. TOUR PUSHER/NIGHT TOOL PUSHER: Should be of sound health and have work experience in drilling oil/gas wells.

i) Should be conversant for working in diesel electrical rigs.

ii) Must posses valid well control certificate (IWCF) / IADC well cap; and should be conversant with well control methods to take independent decisions in case of well emergencies.

iii) Should be conversant about mud chemicals & maintenance of mud property

iv) **Qualification and experience:**

Qualification	**Minimum in line Experience (in years)**
Diploma in Engg or B.Sc or equivalent	6 years in Drilling, out of which at least three years as tool /tour pusher of exploratory & development wells.

d. DRILLER: Should be of sound health and have work experience as driller for a minimum period of 5 years in drilling oil/gas wells.

i) Should be conversant for working in diesel electrical rigs.
ii) Must posses valid well control certificate (IWCF) / IADC well cap; and should be conversant with well control methods to take independent decisions in case of well emergencies.
iii) Should be conversant about handling of mud chemicals & maintenance of mud property in oil well drilling operation.

Qualification and Experience:

Mini. Qualification	**Minimum in line Experience (in years)**
SSC/HS/PU/Class-XII standered or equivalent	5 years in Drilling, out of which at least three years as Shift in-charge/ Driller

e. ASSISTANT DRILLER: Should have minimum of 3 years experience in respective position in drilling oil/ gas wells

i) Should be conversant with working in diesel electrical rigs.
ii) Should be conversant with well control methods to take independent decisions in case of well emergencies.
iii) Should be conversant about mud chemicals & maintenance of mud property.

f. TOPMAN: Should have sufficient experience as Topman in a drilling rig.

g. FLOOR-MAN/ROUSTABOUT: Should have sufficient knowledge/ experience in working at derrick floor in a drilling/Work over rig in respective position.

h. MECHANICAL SUPERVISOR/ENGINEER (CHIEF/MASTER MECHANIC): Should have a degree or Diploma in Mechanical Engineering with minimum 3 years and 6 years experience respectively in the offered position in Diesel Electrical Drilling Rig.

i. MECHANIC (IC) / (PUMP)
i) Should have a minimum 3 years working experience in respective position in drilling rig.

ii) Should have sufficient knowledge of operation and maintenance of Drilling/workover rigs and its components viz. engines, rig pumps supercharge pumps, centrifugal pumps, solid control equipment, degasser, shale shaker and all other mechanical items/engines operating in a drilling rig.

iii) **Qualification:** Diploma in Mech./Chemical B.Sc or equivalent with 3 years experience or SSC/HS/PU/I.Sc or equivalent with 6 years experience. Out of which atleast one year as Mechanic in Drilling rig.

j. ELECTRICAL SUPERVISOR/ENGINEER (CHIEF ELECTRICIAN): Should have Degree in Electrical Engineering with minimum 3 years experience OR Diploma in Electrical Engineering with 6 yrs experience in Diesel Electric drilling rigs. He should be confident in independently carrying out the faultfinding analysis, rectification of fault, operation and maintenance of all the electrical items of diesel electric drilling rig including the air conditioners. He must possess valid Electrical Supervisor's Certificate of Competency issued by State Licensing Board including part VIII and should be conversant with Oil Mines Regulations and Electricity rules. ITI certificate holders are not acceptable as Electrical Engineers.

The Electrical Engineer must be conversant with the existing AC/SCR system of drilling rigs like HILLGRAHAM UK, General Electric USA and BHEL MAKE (CED) Bangalore , Siemens-PLC or its equivalent .

k. RIG ELECTRICIAN: Must be diploma with minimum 3 yrs or ITI in Electrical discipline with minimum 8 yrs. Experience.
Should be conversant with the operation and maintenance of diesel electric drilling rig independently in shifts. He should be able to read circuits, communicate, detect and rectify faults. He must possess valid Electrical Workman Permit (Part I & II) Certificate issued by State Licensing Board.

l. WELDER: Should have adequate experience in working in drilling wells and must be conversant of welding of casing and well head accessories. He must possess the certificate of welding trade from any recognized institute of State Govt. (One year course).

m. MUD ENGINEER: The minimum educational qualification should be science graduate with chemistry as a subject from a recognized university.

Experience: The Mud Engineer(s) must have a minimum 5 years for graduate and 3 years for post graduate of work experience in managing independently various kinds of muds in deep exploratory/development wells and other related activities. Prior to deployment the Contractor should provide a detailed resumed of the mud engineer(s) highlighting qualifications and relevant experience (field experience) with documentary evidence for Company's scrutiny and approval).

n. HSE Officer:
Qualification: Should be graduate in science with three years experience in relevant field of operation.

Job Description:
Duties & responsibilities include safety during drilling site preparation, rig up, rig down & rig move, raising & lowering mast, rig floor operations like making & lowering BHA, cementing job, tripping in /tripping out tubular, safety meeting during crew change, pre job safety meetings, routine inspection of rig and equipments, preparation of job, specific SOP in local language, ERP (Emergency Response Plan), Risk Register, preparation of Job Safety Analysis, Permit to Work systems, investigation & analysis of accidents, incidents & near miss. To follow all DGMS, OISD & MOEF guidelines and submit return at specified intervals.

Should be responsible for designating 'Safe Briefing Area' and advising all personnel/crew of the 'current' safe briefing area.

Responsible for issuing safety equipment to all personnel arriving at rig and ascertain that all personnel use and maintain these equipment properly.
Responsible for designating location entrance and exit.
Responsible for keeping/ maintaining/ updating statutory records as per OMR, OISD/ DGMS regulations and should be made ready prior to any audit.

Experience: Experience in E & P Company of about 3 years as HSE officer. Experience includes formation and implementation of HSE policies, Work Site Inspection & hazard Identification, Training of employees, Task risk Assessments, Permit To Work systems, pre job safety meeting, Accident, incident and Near Miss Investigation & analysis, Report making & Record Keeping, Selection of PPE suitable for work activity & work environment, Work site Inspections & Audits, Emergency Response Planning & Loss Control programs, taking precaution for pollution control and environmental management. Should have sufficient knowledge on ISO, ISRS etc.

o.HEAVY DUTY CRANE OPERATOR: Should be provided along with the crane. The operator should have a minimum of 2 years work experience in operating a heavy crane attached to drilling/work over rigs and possess license for driving heavy motor vehicle.

p.On top of the experience of the personnel as listed above, they all should be conversant with BOP drill as per standard oilfield practice.
ii. In addition to the above key-personnel, following additional personnel are to be made available compulsorily throughout the contract period.

Category	**Nature of duty**		**Qualification/Experience**
Qualified Doctor	Available for 24 hours/day	One	MBBS
Cook for camp site	Available for 24 hours/day	Two	With adequate experience
Camp Boss	Available for 24 hours/day	One	- do -
Laundry attendants	Each 12 hrs per day:2 Nos.	Two	- do -
Camp Cleaner	Available for 24 hours/day	One	- do -
Field administrator	On call basis 12 hrs	One	- do -

Note:
An undertaking from all the personnel as per Proforma (Annexure II) should be forwarded after deployment of manpower prior to mobilization.

The personnel deployed by the contractor should comply with all the safety norms applicable during operation.

Medical Fitness:
(i) The Contractor shall unsure that all of the Contractor Personnel shall have had a full medical examination prior to commencement of the Drilling operation.
ii) A qualified and registered doctor shall conduct all such medical examinations in accordance with accepted medical standards.

Training Courses:

The Contractor shall ensure that all of the Contractor Personnel performing services hereunder shall have attended all safety and operational training courses such as mines vocational training etc. required by applicable law and as is generally consistent with international petroleum industry practice and/or as otherwise required by the Company.
The Contractor shall, if requested, forthwith produce valid and current certificates of completion or attendance for the Company's inspection.

Personnel should be well versed in fire fighting, BOP control, gas testing etc. The appropriate certificates to this effect, issued by ONGCL/OIL or any other organization, also should be submitted prior to mobilization.

(In case, the above training course for contractor's personnel is to be arranged by OIL, the contractor will be charged accordingly).

Rig Manager/ Area Manager shall be stationed at base office. In case of operational requirement he shall visit well sites and can leave station only on specific permission of OIL.
Adequate number of experience personnel to run the camp / kitchen / Mess smoothly should be available round the clock.
Contractor should deploy other personnel at rig site, which shall include drivers, Rig fitters, carpenters warehouse personnel, security men, (both at well site and

camp site), power casing tong operator, services of unskilled labour as and when required for following multiple jobs .

i) Chemical Helper/sample catcher
ii) Engineering helper (Additional)
iii) Electrical helper
iv) Personnel on rack during casing job.

The entire skilled / semi skilled workman involved in carrying out electrical jobs should have valid electrical wireman permit issued by state licensing board.

Bidder shall furnish bio-data of key personnel along with the bid with all supporting documents, certificates etc.

Employment of personnel other than key persons shall be at the discretion of the contractor in line with normal drilling practices. Bidders shall forward a complete list of all the persons with their job descriptions that they shall deploy to run all operations at well site and camp successfully.

On/off duty details of rig and associated service personnel should be indicated. All necessary permission/exemption for the work personnel should be obtained prior to start of initial operation from statutory/competent authority.

The Contractor shall indicate their manpower category wise clearly in their offer. The qualification/bio-data / experience / track record of the personnel proposed to be deployed shall have to be indicated clearly. Any additional manpower deployed by the contractor shall be at the expense of the Contractor.

The contractor shall be responsible for arranging relief of personnel during vacation, statutory off days, sickness etc. entirely at their cost. However, the relief personnel also must have the experience as indicated above. Moreover, the contractor will have to obtain prior approval Form Company for the relief personnel of the contractor.

Company reserves the right to instruct for removal of any Contractor's personnel who in the opinion of company is technically not competent or not rendering the services faithfully, or due to other reasons. The replacement of such personnel will also be fully at cost of the Contractor and the Contractor shall have to replace within Ten (10) days of such instruction.

All charges for personnel are included in Day rates. No. separate charges shall be payable for the personnel deployed.

Contractor should employ adequate number of authorized supervisors as per rule 110 of Indian Electricity rules, 1956 having relevant experience of minimum 5 years and possess appropriate license(s).

L. SECURITY SERVICES: Contractor shall provide adequate security personnel to safe guard their own Rig package, accessories and campsite with proper and sufficient security guard/personnel round the clock.(OIL will provide the necessary fencing and gate in each location for rig/camp site at the start of each location/ILM). All security related issues shall be dealt by the Contractor including dealing with Govt. agencies. Company in no case will be involved in

security related issues relating to Contractor's personnel and materials. Contractor shall also be responsible for the safety and security of Company's personnel/equipment/tools/materials etc. at the well site and camp site and shall provide best security services to them during the tenure of the contract.

(END OF SECTION – IV)

PART- 4

PROFORMA -A

FORM OF BID SECURITY (BANK GUARANTEE)

WHERAS, (Name of Bidder) …… (hereinafter called "the bidder") has submitted his bid dated (Date) ……for the provision of certain oilfield services (hereinafter called "the bid"). KNOW ALL MEN by these presents that we (Name of Bank) …… of (Name of country) …… having our registered office at …… (hereinafter called "the Bank") are bound unto Oil India Limited (herein after called "Company" in the sum of (……) * for which payment well and truly to be made to Company, the bank binds itself, its successors and assignees by these presents. SEALED with the common seal of the said Bank this ……. Day of …… , 2014 .

THE CONDITIONS of this obligation are:

1. If the bidder withdraws his bid during the period of bid validity specified in the Form of Bid;

Or

2. If the bidder, having been notified of the acceptance of his bid by the Company during the period of bid validity:

   - fails or refuses to execute the Form of Agreement in accordance with the Instructions to bidders, if required; or
   - fails or refuses to furnish the Performance Security in accordance with the Instructions to bidders;

   We undertake to pay to Company up to the above amount upon receipt of its first written demand, without Company having to substantiate its demand, provided that in its demand Company will note that the amount claimed by it is due to it owing to the occurrence of one or both of the two conditions specifying the occurred condition or conditions.

This guarantee will remain in force up to and including the date (**) and any demand in respect thereof should reach the bank not later than the above date.

DATE: ……. SIGNATURE OF THE BANK: ……

WITNESS: ……. SEAL:
……

(Signature, Name and Address)

- The bidder should insert the amount of the guarantee in words and figures denominated in the currency of the Company's country or an equivalent amount in a freely convertible currency.
- The Date of Expiry of Bank Guarantee should be 240 days after the closing date for submission of bids as stated in the tender document.

PART- 4

PROFORMA -B

FORM OF PERFORMANCE BANK GUARANTEE (UNCONDITIONAL)*

To: (Name of Company ……)
(Address of Company ……)
WHEREAS (Name and address of Contractor) …… (hereinafter called "Contractor") had undertaken, in pursuance of Contract No…… dated …… to execute (Name of Contract and brief description of the work) …… (hereinafter called "the Contract"), AND WHEREAS it has been stipulated by you in the said Contract that the Contractor shall furnish you with a bank guarantee by a recognised bank for the sum specified therein as security for compliance with his obligations in accordance with the Contract;

AND WHEREAS we have agreed to give the Contractor such a Bank Guarantee, now THEREFORE we hereby affirm that we are the Guarantor and responsible to you, on behalf of the Contractor, up to a total of (Amount of Guarantee)** …… (in words) …… …… such sum being payable in the type and proportions of currencies in which the Contract Price is payable, and we undertake to pay you, upon your first written demand and without cavil or argument, any sum or sums within the limits of the guarantee sum as aforesaid without your needing to prove or to show grounds or reasons for your demand for the sum specified therein.

We hereby waive the necessity of your demanding the said debt from the Contractor before presenting us with the demand.

We further agree that no change or addition to or other modifications of the terms of the Contract or of the work to be performed thereunder or of any of the Contract documents which may be made between you and the Contractor shall in any way release us from any liability under this guarantee, and we hereby waive notice of any such change, addition or modification.

This guarantee is valid until the date (……)** Six months after Contract Completion.

SIGNATURE & SEAL OF THE CONTRACTOR :……
Name of Bank
:……
Address :……
:……
:……
:……
Date :……

---

* Bidders are NOT required to complete this form while submitting the bid.

**An amount is to be inserted by the guarantor, representing the percentage of the Contract price specified in the Contract, and denominated either in the currency of the Contract or in a freely convertible currency acceptable to the Company as per para 31.0 under Section-II, Part-1.

PART-4

PROFORMA -C

SAMPLE FORM OF AGREEMENT

THIS AGREEMENT is made on the …… day of 2014… between (name of Company) ……. of (Mailing address of Company) ……., hereinafter called "the Company", of the one part and (Name of Contractor) ……. (hereinafter called "the Contractor") of the other part.

WHEREAS the Company is desirous that certain works should be executed viz. (brief description of works) ……. and has by Letter of Acceptance (date of Letter of Acceptance) ……. accepted a bid by the Contractor for the execution, completion and maintenance of such works, now THIS AGREEMENT WITNESS as follows:

1. In this agreement words and expressions shall have the same meanings as are respectively assigned to them in the conditions of Contract hereinafter referred to.
2. The following documents shall be deemed to form and be read and construed as part of this agreement, viz:
   This Form of agreement,
   The Letter of Acceptance,
   The Contractor's Bid and enclosures,
   The Technical Specifications,
   The Priced bill of quantities,
   The Drawings,
   The Schedule of Supplementary Information,
   The special Conditions of Contract and
   The General conditions of Contract
3. The aforesaid documents shall be taken as complementary and mutually explanatory of one another, but in the case of ambiguities or discrepancies they shall take precedence in the order set out above.
4. In consideration of the payment to be made by the Company to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Company to execute, complete and maintain the works in conformity in all respects with the provisions of the Contract.
5. The Company hereby covenants to pay the Contractor in consideration of the execution, completion and maintenance of the works the Contract price at the times and in the manner prescribed by the Contract.

IN WITNESS WHEREOF the parties hereto have caused their respective common seals to be hereunto affixed (or have hereunto set their respective hands and seals) the day and year first written above.

SIGNED, SEALED AND DELIVERED

By the said
Name _____

By the said
Name_____

On behalf of the Contractor
in the presence of:

On behalf of the Contractor
in the presence of:

Name _____
Address_____

Name _____
Address_____

* Bidders are NOT required to complete this form.

PART- 4

PROFORMA -D

PROFORMA LETTER OF AUTHORITY

TO

Chief Manager (M&C),
Rajasthan Project,
Oil India Ltd.,
Jodhpur

Sir,

Sub: OIL's e-Tender No. CJG2557P14

We _____ confirm that Mr. _____ (Name and address) is authorized to represent us to Bid, negotiate and conclude the agreement on our behalf with you against e-Tender No. for hiring of services for _____.

We confirm that we shall be bound by all and whatsoever our said representative shall commit.

Yours Faithfully,

Authorised Person's Signature: _____

Name: _____

Designation: _____

Seal of the Bidder:

Note: This letter of authority shall be on printed letter head of the Bidder and shall be signed by a person competent and having the power of attorney (power of attorney shall be annexed) to bind such Bidder. If signed by a consortium, it shall be signed by members of the consortium.

&&&&&&&&&&&&

PART- 4

PROFORMA–E

EQUIPMENT AND SERVICES TO BE FURNISHED BY CONTRACTOR OR COMPANY (OIL) FOR ONE DRILLING RIG

The equipment, tools, machineries, material supply, instruments, services and labour, including but not limited to those listed in the following table shall be provided at the location by OIL or Contractor and at the expenses of OIL or Contractor as designated hereunder by `X' mark in the appropriate column ;

Sl. No.	*LIST OF ITEMS*	**At Expense of**		**Supplied by**	
		Contractor	OIL	Contractor	OIL
I.	**EQUIPMENT :**				
1.	Drilling Unit complete with safety, hoisting, rotating & maintenance equipment according to international practice.	**X**		**X**	
2.	BOP, its attachments & spares	**X**		**X**	
3.	Choke manifold & kill manifold, lines & connections	**X**		**X**	
4.	Stabilizers/Rotary substitute of all sizes	**X**		**X**	
5.	All Fishing tools & their spares	**X**		**X**	
6.	Drill pipe, Drill Collar, HWDP, Casing & Tubing Handling Tools (Elevators, Slips, tongs etc.)	**X**		**X**	
7.	Welding plant for normal operation with requisite electrodes	**X**		**X**	
8.	Production testing equipment		**X**		**X**
9.	Casing line with spool & cradle(as specified in TOR/SOW)	**x**		**x**	
10.	Base / Well-site camp complete in all respects i.e. furniture, fixture etc.	**X**		**X**	
11.	Sand line with spool & cradle (size as specified in TOR/SOW)	**X**		**X**	
12.	Office for OIL's personnel at wel-lsite complete in all respect	**X**		**X**	
13.	Well Logging Unit, Tools & Services for Logging Operations		**X**		**X**
14.	Vacuum Degasser, Diverter Assembly & spares for all	**X**		**X**	
15.	Desander, Desilter, Shale Shaker & spares for all	**X**		**X**	
16.	Mud cleaner & spares	**X**		**X**	
17.	*Other sand/silt control equipment*	**X**		**X**	
18.	Cellar Pump & spares	**X**		**X**	
19.	Safety equipment including fire fighting equipment	**X**		**X**	
20.	Casing scrappers (9.5/8", 7" & 5.1/2")	**X**		**X**	
21.	a) Crane for all drilling & other operations. Additional crane required, if any, shall be provided	**X**		**X**	

Sl. No.	LIST OF ITEMS	At Expense of		Supplied by	
		Contractor	OIL	Contractor	OIL
	by Contractor at no extra cost. b) Sufficient number of vehicles for interlocation movement of rig. c) Trailer with articulated tractor d) 30 Ton (min) crane e) Truck to lift chemicals f) Vehicle to lift bits g) Vehicle to lift casing, tubing, well head etc	**X** X X **X** **X** **X**		**X** X X **X** **X** **X**	
22.	Equipment required for supplying water as per tender specification at drilling site and camp	**X**		**X**	
23.	Equipment required for generating electricity at the site, camp	**X**		**X**	
24	Rig lighting	**X**		**X**	
25.	Lines / Chiksans / Fittings	**X**		**X**	
26.	Tubulars for drill string other than casing & tubing	**X**		**X**	
27.	Rig compressor (including auxiliary)	**X**		**X**	
28.	Mud making/loading facilities at drill site complete with reciprocating pumps , prime movers, hoppers, tankages etc.	**X**		**X**	
29.	Mud & water system inclusive of active, intermediate & storage tanks	**X**		**X**	
30.	Drilling, swabbing & all other wire lines & ropes.	**X**		**X**	
31.	All safety equipments	**X**		**X**	
32.	BOP control unit with control panels	**X**		**X**	
33.	Well control accessories	**X**		**X**	
34.	Drill pipe, drill collar, HWDP	**X**		**X**	
35.	Cross-over substitutes of all sizes	**X**		**X**	
36.	Kelly with scabbard & clamp	**X**		**X**	
37.	All sizes & capacity of elevators, slips, tongs, clamps, (manual & hydraulic)	**X**		**X**	
38.	Power casing tong with operating unit & operator	**X**		**X**	
39.	Pneumatic kelly spinner , Elevator links	**X**		**X**	
40.	Core head, core catcher, core barrel & all accessories		**X**		**X**
41.	Bit breaker, thread protector, nozzle gauge, stabilizer & bit gauge	**X**		**X**	
42.	Air winch (s)	**X**		**X**	
43.	Safety joints	**X**		**X**	
44.	RCJB, overshot, spear, junk subs, fishing magnets, ditch magnets, impression blocks, junk mills etc.	**X**		**X**	
45.	String BOP , Cup Tester & Plug Tester	**X**		**X**	
46.	Kill pump, kill tank, accessories & connections	**x**		**x**	
47.	Circulating heads of all sizes of casings	**X**		**X**	
48.	Poor boy swivel	**X**		**X**	

Sl. No.	LIST OF ITEMS	At Expense of		Supplied by	
		Contractor	OIL	Contractor	OIL
49.	Mud basket	X		X	
50.	Back pressure valves	X		X	
51.	Mud logging unit		x		x
52.	Rig warehouse & workshops	X		X	
53.	Complete set of tools & wrenches	X		X	
54.	Riser, flow nipple/ flow branch	X		X	
55.	Gauging water pump, reciprocating type	X		X	
56.	Sinker bar & accessories	X		X	
57.	Oil saver sub & swab mandrel	X		X	
58.	Hydraulic power tong & drill pipe spinner	X		X	
59.	Cement bulk handling plant		x		x
60.	Drift recording instrument, all kinds	X		X	
61.	All kind of mud agitators	X		X	
62.	LWC/LDO tank & lines	X		X	
63.	MVT & flow fill indicator	X		X	
64.	Cabin for mud attendant.	X		X	
65.	Emergency electricity generator at well-site & camp	X		X	
66.	Effluent Treatment Plant and Equipments	X		X	
67.	Store house	X		X	
68.	All drilling instrument & recorder	X		X	
69.	Kelly cocks, Kelly grief & protector subs	x		x	
70	Fishing equipment & spares other than those mentioned in Scope of Work/Terms of Reference		X		X
71.	Air, water, electricity, fuel (HSD) and other POL	X		X	
72.	All bunk houses at well site & camp with all items mentioned in this tender.	X		X	
73.	Communication equipment as mentioned in the Contract	X		X	
74.	Fire fighting & safety equipment	X		X	
75.	Mud testing laboratory complete unit equipped with all testing equipment. Also consumables during entire duration of the contract.	X		X	
76.	Conversion kit for rig electrical power between 50 Hz & 60 Hz	X		X	
77.	OIL's internal telephone		X		X
78.	Equipment and services not here-to-fore designated but required by Contractor for normal operations	X		X	
79.	Equipment not here-to-fore designated but necessary to fulfill OIL's instructions.		X		X
80.	Shut-in valves(drill pipe & tubing)	X		X	
81.	Potable/drinking water, permanent provision at well site & camp	X		X	
82.	False conductor (26 "OD) pipe.		x		x
II.	**CONSUMABLES :**				
1.	Fuel for Drilling Unit, all vehicles & entire Contractor's equipment including camp (including OIL's designated materials)	X		X	

Sl. No.	LIST OF ITEMS	At Expense of		Supplied by	
		Contractor	OIL	Contractor	OIL
2.	Grease, Lube oil, Cleaning solvent & for all contractor's equipment including accumulator charging gases (also for OIL's designated equipment).	**X**		**X**	
3.	Casing thread lubricant & locking compound		**X**		**X**
4.	Drill pipe thread lubricant.	**X**		**X**	
5.	Drill pipe rubber protectors.	**X**		**X**	
6.	Drill pipe wipers.	**X**		**X**	
7.	Drilling bits will be provided by OIL for all drilling operation. In special cases Contractor may provide as and when required at actual cost + 5% handling charge on landed cost.	**X**	**X**	**X**	**X**
8.	Stabilizers & spares	**X**		**X**	
9.	Oil well cement & cement additives		**X**		**X**
10.	Mud chemicals & mud additives		**X**		**X**
11.	Salt & Chemicals for preparation of brine water during production testing		**X**		**X**
12.1	Welding consumables	**X**		**X**	
12.2	Casing (all sizes) & tubings and all attachments		**X**		**X**
12.3	All casing & tubing handling equipment	**X**		**X**	
13.	All BOP consumables including ring joint gaskets	**X**		**X**	
14.	Spares for drilling unit & accessories.	**X**		**X**	
15.	Regular replacement of consumables of Contractor's equipment.	**X**		**X**	
16.	Maintaining adequate stock of consumables.	**X**		**X**	
17.	Consumables for computers including stationary, ink, ribbon, floppies etc. Software should be upgraded as and when required.	**X**		**X**	
18.	LDO for oil spotting		**X**	**x**	
19.	Casing centralizers, scratchers & stop rings		**x**		**x**
20.	Fishing equipment, spares as per the contract	**X**		**X**	
21.	Replacement of tools, equipment, services as & when necessary	**X**		**X**	
22.	Replacement of Contractor's transport fleet as & when necessary.	**X**		**X**	
23.	POL and spares for transport fleet as and when necessary.	**X**		**X**	
24.	All sizes of mills	**x**		**x**	
25.	First-aid & medicine	**X**		**X**	
26.	Food & Accommodation for all	**X**		**X**	
27.	Materials required for upkeepment of health and hygiene	**X**		**X**	
28.	Materials required for control of pollution.	**X**		**X**	
29.	Civil Engineering materials for a) Camp maintenance b) Well site plinth maintenance	 **X** **X**		 **X** **X**	
30.	Replacement of electrical fittings as & when	**X**		**X**	

Sl. No.	LIST OF ITEMS	At Expense of		Supplied by	
		Contractor	OIL	Contractor	OIL
	necessary.				
31.	Spares & consumables for communication equipment	**X**		**X**	
32.	Replacement, spares & consumables for fire-fighting equipments	**X**		**X**	
33.	Painting of mast & substructure as and when necessary as per colour coding to be informed by OIL.	**X**		**X**	
34.	All sizes of bits as and when necessary		**X**		**X**
35.	All kinds of chemical as and when necessary		**X**		**X**
36.	Replacement, spares and consumables for solid control equipment	**X**		**X**	
37.	Consumables not heretofore designated but required by Contractor in normal operation or needed for the maintenance of Bidder's equipment.	**X**		**X**	
38.	Consumables not here-to-fore spelt out but necessary to fulfil OIL's instructions		**X**		**X**
39.	Water for drilling, prod.testing & drinking at drill-site & camp- site in sufficient quantity.	**X**		**X**	
40.	*False conductor grouting*	**X**			**X**
41.	Consumables and spares for mud laboratory	**X**		**X**	
III.	**SERVICE AND PERSONNEL**				
1.	Transportation of OIL's equipment & consumables attached to the Rig.	**X**		**X**	
2.	Handling (loading & unloading) and storage of OIL's, contractor's & subcontractor's materials at drill site.	**X**		**X**	
3.	Transportation of entire drilling unit with accessories between locations (inter-location move)	**X**		**X**	
4.	Inter-location movement of Company's equipment attached with the Rig.	**X**		**X**	
5.	Transportation of personnel a) Of OIL (Based at camp) b) Of Contractor	 **X**	 **X**	 **X**	 **X**
6.	Collection of bits, light consumables and transportation of same including handling to well site.	**X**		**X**	
7.	a) Site preparation (leveling, base, waste pits, celler pit, access roads according to the general lay out requirements of Contractor ingress and egress.) b) Maintenance of well-site plinth / camp-site and camp-site approach road. c) Store facility for bit and chemicals and other consumable at i) Well- site ii) At intermediate site	 X **X** **X**	**X**	 X **X** **X**	**X**
8.	Communication system (as specified in the tender)	**X**		**X**	

Sl. No.	LIST OF ITEMS	At Expense of		Supplied by	
		Contractor	OIL	Contractor	OIL
9.	Cement & cementing services		X		X
10.	Water for drilling, cementing and production testing	X		X	
11.	Mud services facilities	X		X	
12.	Well head, control systems and their installation	X		X	
13.	Transportation of Company's consumables for inter-location movement.	X		X	
14.	Welding operations	X		X	
15.	Running of casing / tubing	X		X	
16.	Medical facilities at well site	X		X	
17.	Bulk handling plant services		x		x
18.	A) Geologist at site . b) Collection of drill cuttings & coring samples etc	X	X	X	X
19.	API inspection of drill string after completion of each 6 months/well throughout the duration of the contract	X		X	
20.	Other inspection required by Company in excess of contractual inspection		X	X	
21.	Furnish adequate roadway to location and the right of way		X		X
22.	Well head installation (BOP, Production & other equipments)	X		X	
23.	Welding materials & welding operations	X		X	
24.	a) All drilling tools, equipment and services b) All other tools, equipment and services necessary for operatio	X x		x x	
25.	All personnel & supervision necessary to operate the Drilling unit, including personnel necessary to handle all normal operations on drilling location	X		X	
26	Food and lodging of Contractor's personnel (including 3rd party)	X		X	
27	Food and lodging of OIL's personnel a) Up to a maximum of 20 persons per day. b) Additional person over 20 persons per day.	X	X	X	X
28.	Handling of all equipment at the drilling locations including OIL equipment.	X		X	
29.	All drilling services in line with good oil field practice	X		X	
30.	Pressure test of BOP, well-head, casing integrity, formation integrity etc .testing services	X		X	
31.	Well site servicing of casing	X		X	
32.	Maintenance of Contractors equipment.	X		X	
33.	Well killing services	X		X	
34.	Services for deletion of faulty equipment	X		X	
35.	Fishing services	X		X	
36.	Production testing services (wellhead fitting/equipment shall be provided by OIL & well	X	X		X

Sl. No.	*LIST OF ITEMS*	At Expense of		Supplied by	
		Contractor	OIL	Contractor	OIL
	site services shall be provided by Contractor).				
37.	Waste disposal management & Effluent treatment services	**X**		**X**	
38.	Pollution control services	**X**		**X**	
39.	Mud testing laboratory services	**X**		**X**	
40.	Computation and record keeping services	**X**		**X**	
41.	Logging services		**x**		**x**
42.	Entertainment services at camp	**X**		**X**	
43.	BOP & BOP Control unit maintenance services	**x**		**x**	
44.	Catering services	**X**		**X**	
45.	Coring services		**X**		**X**
46.	Medical Services	**X**		**X**	
47.	Ambulance services	**X**		**X**	
48.	Fire fighting services	**X**		**X**	
49.	Services of Personnel	**X**		**X**	
50.	Construction of shed/ramp etc. for mud & additives	**X**		**X**	
51.	Various work sheet drawing, calculation dimensions as mentioned.	**X**		**X**	
52.	Services not here-to-fore designated but required by Contractor in normal operations or needed to maintain & operate Contractor's equipment.	**X**		**X**	
53.	Services not here-to-fore designated but required due to directions of the Company (OIL).		**X**	**X or (**Depending on type of job	**X**
54	All expenditure for Contractor's persons including inward and outward journey from well site.	**X**		**X**	

PART-4

PROFORMA–F

Tender No. : CJG2557P14

LIST OF ITEMS (Equipment, Tools, Accessories, Spares & Consumable) TO BE IMPORTED IN CONNECTION WITH EXECUTION OF THE CONTRACT SHOWING CIF VALUE.

Sl. No.	**Description of Rig & its equipment**			**CIF Value**								Re-exportable (Yes / No)
	Description of item	Qty.	Vint-age	Cost		Insurance		Freight from Port of Exit to Kandla /Mumbai Port		Total CIF at Kandla /Mumbai Port		
				FE	INR	FE	INR	FE	INR	FE	INR	
1.	Rig Carrier with engines, transmission system, draw-works, & other accessories	1 lot.										
2.	Mast with Crown Block and Substructure Assembly	1 set.										
3.	Slush Pumps & accessories	2 nos										
4.	Rotary table & rotary drive system	1 set										
5.	Rotary swivel & accessories	1 set										
6.	Travelling Block + Hook	1 set										
7.	Power pack assembly for rig package	1 set										
8.	Mud suction and delivery system	1 set										
9.	Cellar pump with accessories	1 set										
10	Drill pipes with pup joints	2500 m										
11	Drill collars : a) 9.1/2" OD b) 8" OD c) 6.1/2" OD : d) HWDP: 5" OD	 nos. nos nos nos										

Sl. No.	**Description of Rig & its equipment**			**CIF Value**								Re-exportable (Yes / No)
	Description of item	Qty.	Vint-age	Cost		Insurance		Freight from Port of Exit to Kandla /Mumbai Port		Total CIF at Kandla /Mumbai Port		
				FE	INR	FE	INR	FE	INR	FE	INR	
12	Stabilizers/Cross over Subs/Shock sub (Vintage less than 4/5 years)	1 lot										
13	Kelly, kelly spinner and kelly bushing etc.	3 nos.										
14	Handling tools : a) Misc. Elevators b) Misc. Slips c) Misc. Rig tongs d) Misc. Bushings e) Power Tong & unit. f) Pipe Spinner	 1 lot 1 lot 1 lot 1 lot 1 lot 1 no										
15	BOP stack, and well control equipment	1 set										
16	Choke and kill manifold, line & fittings	1 lot										
17	BOP control unit, high pressure control lines, remote control panels & other accessories.	1 set										
18	Fishing tools comprising of overshots, drilling jars, safety joint, junk subs, junk basket, impression block, mills, magnet, spear etc.	1 lot										
19	Misc. tools comprising of casing scrapper, circulating head, safety equipments etc.	1 lot										

Sl. No.	**Description of Rig & its equipment**			**CIF Value**								Re-exportable (Yes / No)
	Description of item	Qty.	Vint-age	Cost		Insurance		Freight from Port of Exit to Kandla /Mumbai Port		Total CIF at Kandla /Mumbai Port		
				FE	INR	FE	INR	FE	INR	FE	INR	
20	Solid control equipment with prime mover comprising of shale shaker, desander, desilter, mud cleaner, mud agitators, mixing pumps, hoppers etc.	1 set										
21	Degasser unit	1 set										
22	Transport fleet for rig movement	1 lot										
23	Power generation and electricity unit	1 set										
24	Tanks for mud & water system	1 lot										
25	Rig lighting	1 lot										
26	Drilling instrument, gauges & recorders	1 lot										
27	Drill site mud plant	1 set										
28	Bunk houses ,ware house/storehouse, work-shop, crew cabin etc.	1 lot										
29	Kill pump , kill tank & accessories.	1 set										
30	Diverter assembly with cross-over spool/flanges	1 set										
31	Fire trailer pump , water storage tank , lines ,fittings & water hoses	1 set										
32	Mud testing laboratory with all equipments	1 set										
33	Effluent treatment plant with accessories	1 set										

Sl. No.	**Description of Rig & its equipment**			**CIF Value**								Re-exportable (Yes / No)
	Description of item	Qty.	Vint-age	Cost		Insurance		Freight from Port of Exit to Kandla /Mumbai Port		Total CIF at Kandla /Mumbai Port		
				FE	INR	FE	INR	FE	INR	FE	INR	
34	Casing line & Sand line with spool and cradle	1 lot										
35	Welding set	1 no.										
36	Fire extinguishers	1 lot										
37	Fuel tanks, LDO tank with lines & fittings	1 lot										
38	Rig compressors	1 set										
39	Pipe rack, casing rack ,catwalk pieces etc	1 lot										
40	Any other equipment (please list out with vintage in detail)											

(1) The items which are not of consumable in nature and required to be re-exported outside India after completion of the Contract should be indicated as "YES"

(2) The items, which are of consumable in nature should be indicated as "NO"

Authorised Person's Signature: _____

Name: _____

_____

Seal of the Bidder: **********

PART-4

PROFORMA–G

PROFORMA FOR BIO DATA OF KEY PERSONNEL

1. NAME :

2. PRESENT ADDRESS :

3. PERMANENT ADDRESS :

4. FATHER'S NAME :

5. NATIONALITY :

6. PASSPORT NO. AND VALIDITY :
(IN CASE OF EXPATRIATE)

7. DESIGNATED POST:

8. EDUCATIONAL QUALIFICATION:

9. DATE OF BIRTH:

10. EXPERIENCE IN REVERSE ORDER:

PART-4

PROFORMA–H

DETAILS OF ELECTRICAL MACHINE USED IN AC SCR RIG

Sl. No.	Name of Equipment/ Motor	Make	Maker's Sl. No.	Type	DGMS Approval No.	Distance from Well head	Gas Group

PART-4

PROFORMA–I

Details of all cables, light fittings, push button stations, plug & sockets, junction boxes, Motors, Starters etc. to be used in the offered rig.

Sl. No.	Description	Make	Type	DGMS/CMRI Approval	Gas Group

PART-4

PROFORMA–J

PROFORMA UNDERTAKING FROM CONTRACTORS PERSONNEL

I _____ S/o_____ having permanent residence at _____ Dist. _____ am working with M/s. _____ as their employee. Now, I have been transferred by M/s. _____ for carrying out the contract job under Contract No. _____ which has been awarded in favour of my employer M/s. _____.

I hereby declare that I will not have any claim for employment or any service benefit from OIL by virtue of my deployment for carrying out contract job in OIL by M/s. _____.

1 am an employee of _____ for all practical purposes and there is no privacy of Contract between OIL and me.

Signature

Place:
Date:

WITNESS:

1. NAME:
   DESIGNATION:
   DATE:

2. NAME:
   DESIGNATION
   DATE: